



## **2012 Occupational Outlook**

## Table of Contents

Technical Notes	.....	2
Kansas	.....	4
Kansas City Region	.....	23
Northeast Region	.....	42
North Central Region	.....	61
Northwest Region	.....	79
Southwest Region	.....	95
South Central Region	.....	111
Southeast Region	.....	130

## **2012 Kansas Occupational Outlook**

### **Technical Notes**

This publication presents information by occupational title for the 22 major Standard Occupation Code (SOC) groups and 821 detailed occupations. For each SOC occupation, the tables illustrate the following:

- annual average employment for 2002
- projected annual average employment for 2012
- projected actual growth from 2002 to 2012
- projected percent change from 2002 to 2012
- total annual job openings

Occupational projections are the result of applying industry specific staffing patterns to long-term industry projections. With this structure in place, industry specific staffing patterns are applied to the base-year industry totals. Occupational staffing patterns arise from survey data collected from approximately 15,000 Kansas employers over a three-year cycle through the Occupational Employment Statistics (OES) program. Surveyed employers from all sectors of the economy indicate the number of persons they employ in individual occupations, resulting in a comprehensive snapshot of worker utilization. Occupational staffing patterns are created for each industry and their application to industry totals result in base-year occupational projections.

The 2002 employment data used in this publication is the annual average employment from the Quarterly Census of Employment and Wages (QCEW) for those employers covered by the Kansas Unemployment Insurance Law. The non-covered employment is obtained from the Current Employment Statistics (CES) program. Another component in creating complete statewide occupational projections requires the estimation of self-employed persons not covered by the state's Unemployment Insurance program. The U. S Department of Labor, Bureau of Labor Statistics (BLS) analyzes the proportion of workers in each occupation who are self-employed, and uses this data to compute occupation specific ratios. The ratios are applied to the all industry occupational totals by the projections software in both the base- and target-year, resulting in estimates of self-employed persons in the workforce by occupation.

The farmers and ranchers occupation (11-9012) was added within the Management occupational group; this total was derived from the U.S. Department of Agriculture's (USDA) Economic Research Service division. Employment from CES, BLS and the USDA was added to the QCEW industry estimates to achieve a representation of "total employment" in Kansas.

Except for the percent change, all detailed occupational data was rounded to the nearest 10 prior to summation in each occupational group. Due to rounding and suppression, the totals for all individual occupations may not match the total reported for occupational groups.

Net employment increase and net replacements, not represented in the tables, were calculated together to create the total annual openings which are presented in the tables. If employment change is negative, job openings due to growth are zero and total job openings equal net replacements. The openings by occupation, presented in the tables, represent opportunities for new workers to enter an occupation. When a worker moves from one company to another within the occupation, this is considered a turnover, and is not reflected in this data. Workers who permanently leave their occupation – due to retirement, death, career change, or any other reason – are a significant source of occupational opportunities. BLS provides occupation specific replacement rates that are applied to base-year projections, creating estimates of replacement need openings for the projection period.

Finally, these projections are estimates, and as such rely on the assumptions that historical trends will continue into the future. Those assumptions are:

1. The economic structure of the United States and Kansas will not change radically.
2. No major events will significantly alter the structure of the economy or alter the rate of economic growth.
3. Current social, technological and scientific trends will continue, including the value placed on work, education, income and leisure.

Job openings presented in this publication reflect only future labor demands, not current job openings. These projections should be viewed as indicators of probable direction rather than estimates of absolute value.

# Kansas

## Kansas Occupational Trends

Occupational employment in Kansas reached 1,501,520 in 2002 and is projected to reach 1,701,990 by 2012, or 13.4 percent growth over the period. New job openings across the state are expected to occur at a rate of 51,160 annually during the period.

The three largest occupational groups in Kansas in 2002 were: **Office and Administrative Support**, **Management**, and **Sales and Related** occupations, with 15.0, 11.4 and 10.3 percent of total employment respectively. These three groups represented nearly 37 percent of the employment in 2002. Although these groups are expected to maintain the lead in number of jobs among the 22 occupational groups in 2012, the largest employment percent change will occur in the **Healthcare Support** occupational group, which is projected to increase by 25.6 percent. The smallest percent change is expected in the **Management** occupational group, with a projected increase of only 4.7 percent.

The five occupations projected to add the most jobs from 2002 to 2012 represent more than 14 percent of all new jobs in Kansas. Two of the top five occupations projected to add the most jobs are in the **Healthcare Practitioners** and **Technical and Healthcare Support** occupational groups; **registered nurses** and **nursing aides, orderlies and attendants** are projected to add 7,500 and 5,220 jobs respectively.

The greatest number of annual openings are expected in the **Sales and Related** occupational group with 6,950, followed by the **Office and Administrative Support** occupational group with 6,650 annual openings. Within the **Sales and Related** occupational group, **cashiers** are projected to have the most annual openings, with 2,310, followed by **retail salespersons** with 1,960 annual openings. These two occupations represent more than 60 percent of the total annual jobs within the **Sales and Related** occupational group but less than 10 percent of the total annual openings across Kansas.

**Kansas Statewide  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
	<b><u>Total, All Kansas Occupations</u></b>	<b><u>1,501,520</u></b>	<b><u>1,701,990</u></b>	<b><u>200,470</u></b>	<b><u>13.4</u></b>	<b><u>51,160</u></b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>170,940</b>	<b>179,030</b>	<b>8,090</b>	<b>4.7</b>	<b>2,120</b>
11-1011	Chief Executives	5,290	6,180	890	16.8	200
11-1021	General & Operations Managers	17,370	20,160	2,790	16.1	620
11-1031	Legislators	1,040	1,120	80	7.7	10
11-2011	Advertising & Promotions Managers	540	680	140	25.9	10
11-2021	Marketing Managers	1,360	1,610	250	18.4	50
11-2022	Sales Managers	3,060	3,900	840	27.5	120
11-2031	Public Relations Managers	400	490	90	22.5	10
11-3011	Administrative Services Managers	2,350	2,710	360	15.3	70
11-3021	Computer & Information Systems Managers	2,110	2,680	570	27.0	100
11-3031	Financial Managers	4,520	5,180	660	14.6	130
11-3040	Human Resources Managers	1,280	1,490	210	16.4	40
11-3051	Industrial Production Managers	2,460	2,700	240	9.8	60
11-3061	Purchasing Managers	730	740	10	1.4	20
11-3071	Transportation, Storage, & Distribution Managers	950	1,140	190	20.0	30
11-9011	Farm, Ranch, & Other Agricultural Managers	1,670	1,950	280	16.8	50
11-9012	Farmers & Ranchers	102,470	99,210	-3,260	-3.2	170
11-9021	Construction Managers	2,440	2,810	370	15.2	80
11-9031	Education Administrators, Preschool & Child Care Center/Program	370	440	70	18.9	10
11-9032	Education Administrators, Elementary & Secondary School	2,550	3,170	620	24.3	130
11-9033	Education Administrators, Postsecondary	1,010	1,230	220	21.8	30
11-9039	Education Administrators, All Other	140	150	10	7.1	0
11-9041	Engineering Managers	2,290	2,630	340	14.8	70
11-9051	Food Service Managers	2,630	3,030	400	15.2	70
11-9061	Funeral Directors	1,020	1,060	40	3.9	30
11-9071	Gaming Managers	10	20	10	100.0	0
11-9081	Lodging Managers	270	280	10	3.7	0
11-9111	Medical & Health Services Managers	2,760	3,500	740	26.8	120
11-9121	Natural Sciences Managers	240	250	10	4.2	0
11-9131	Postmasters & Mail Superintendents	620	750	130	21.0	10
11-9141	Property, Real Estate, & Community Association Managers	1,100	1,310	210	19.1	40
11-9151	Social & Community Service Managers	860	1,010	150	17.4	20
11-9199	Managers, All Other	5,030	5,450	420	8.3	140
<b>13-0000</b>	<b>Business &amp; Financial Operations Occupations</b>	<b>51,300</b>	<b>59,380</b>	<b>8,080</b>	<b>15.8</b>	<b>1,640</b>
13-1011	Agents & Business Managers of Artists, Performers, & Athletes	70	110	40	57.1	0
13-1021	Purchasing Agents & Buyers, Farm Products	290	330	40	13.8	0
13-1022	Wholesale & Retail Buyers, Except Farm Products	1,690	1,720	30	1.8	40
13-1023	Purchasing Agents, Except Wholesale, Retail, & Farm Products	2,860	3,230	370	12.9	120
13-1031	Claims Adjusters, Examiners, & Investigators	2,290	2,560	270	11.8	60
13-1032	Insurance Appraisers, Auto Damage	90	90	0	0.0	0
13-1041	Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation	2,300	2,400	100	4.3	60
13-1051	Cost Estimators	2,580	3,150	570	22.1	110
13-1061	Emergency Management Specialists	120	160	40	33.3	0
13-1071	Employment, Recruitment, & Placement Specialists	1,250	1,480	230	18.4	30
13-1072	Compensation, Benefits, & Job Analysis Specialists	1,030	1,280	250	24.3	40
13-1073	Training & Development Specialists	1,770	2,170	400	22.6	70

**Kansas Statewide  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
13-1111	Management Analysts	4,770	5,660	890	18.7	140
13-1121	Meeting & Convention Planners	400	470	70	17.5	10
13-1199	Business Operations Specialists, All Other	7,550	8,960	1,410	18.7	280
13-2011	Accountants & Auditors	9,670	11,660	1,990	20.6	390
13-2021	Appraisers & Assessors of Real Estate	950	1,080	130	13.7	30
13-2031	Budget Analysts	390	420	30	7.7	0
13-2041	Credit Analysts	550	600	50	9.1	10
13-2051	Financial Analysts	2,640	2,900	260	9.8	60
13-2052	Personal Financial Advisors	940	1,140	200	21.3	30
13-2053	Insurance Underwriters	970	1,040	70	7.2	20
13-2061	Financial Examiners	210	200	-10	-4.8	0
13-2071	Loan Counselors	90	110	20	22.2	0
13-2072	Loan Officers	3,890	4,270	380	9.8	100
13-2081	Tax Examiners, Collectors, & Revenue Agents	650	600	-50	-7.7	10
13-2082	Tax Preparers	600	800	200	33.3	20
13-2099	Financial Specialists, All Other	690	790	100	14.5	20
<b>15-0000</b>	<b>Computer &amp; Mathematical Occupations</b>	<b>30,250</b>	<b>36,340</b>	<b>6,090</b>	<b>20.1</b>	<b>990</b>
15-1011	Computer & Information Scientists, Research	140	170	30	21.4	0
15-1021	Computer Programmers	4,250	4,390	140	3.3	120
15-1031	Computer Software Engineers, Applications	5,940	7,090	1,150	19.4	180
15-1032	Computer Software Engineers, Systems Software	1,860	2,450	590	31.7	80
15-1041	Computer Support Specialists	4,910	5,910	1,000	20.4	150
15-1051	Computer Systems Analysts	5,560	6,770	1,210	21.8	180
15-1061	Database Administrators	1,010	1,340	330	32.7	40
15-1071	Network & Computer Systems Administrators	3,040	3,870	830	27.3	120
15-1081	Network Systems & Data Communications Analysts	1,510	2,040	530	35.1	60
15-1099	Computer Specialists, All Other	930	1,150	220	23.7	30
15-2011	Actuaries	200	220	20	10.0	0
15-2031	Operations Research Analysts	760	790	30	3.9	10
15-2041	Statisticians	110	130	20	18.2	0
15-2091	Mathematical Technicians	10	10	0	0.0	0
15-2099	Mathematical Science Occupations, All Other	20	10	-10	-50.0	0
<b>17-0000</b>	<b>Architecture &amp; Engineering Occupations</b>	<b>30,310</b>	<b>34,130</b>	<b>3,820</b>	<b>12.6</b>	<b>950</b>
17-1011	Architects, Except Landscape & Naval	830	1,210	380	45.8	50
17-1012	Landscape Architects	180	220	40	22.2	0
17-1021	Cartographers & Photogrammetrists	340	470	130	38.2	20
17-1022	Surveyors	390	490	100	25.6	20
17-2011	Aerospace Engineers	3,570	3,860	290	8.1	110
17-2021	Agricultural Engineers	20	40	20	100.0	0
17-2031	Biomedical Engineers	40	40	0	0.0	0
17-2041	Chemical Engineers	270	320	50	18.5	10
17-2051	Civil Engineers	1,710	2,080	370	21.6	60
17-2061	Computer Hardware Engineers	400	450	50	12.5	20
17-2071	Electrical Engineers	1,210	1,360	150	12.4	40
17-2072	Electronics Engineers, Except Computer	5,340	5,640	300	5.6	130
17-2081	Environmental Engineers	300	390	90	30.0	10
17-2111	Health & Safety Engineers, Except Mining Safety Engineers & Inspectors	200	230	30	15.0	0
17-2112	Industrial Engineers	2,180	2,370	190	8.7	70
17-2131	Materials Engineers	570	600	30	5.3	10



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SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
17-2141	Mechanical Engineers	2,810	3,070	260	9.3	110
17-2161	Nuclear Engineers	30	30	0	0.0	0
17-2171	Petroleum Engineers	90	90	0	0.0	0
17-2199	Engineers, All Other	1,430	1,530	100	7.0	30
17-3011	Architectural & Civil Drafters	970	1,210	240	24.7	40
17-3012	Electrical & Electronics Drafters	520	510	-10	-1.9	20
17-3013	Mechanical Drafters	1,110	1,160	50	4.5	30
17-3021	Aerospace Engineering & Operations Technicians	860	900	40	4.7	20
17-3022	Civil Engineering Technicians	1,740	1,970	230	13.2	50
17-3023	Electrical & Electronic Engineering Technicians	1,170	1,350	180	15.4	40
17-3024	Electro-Mechanical Technicians	70	100	30	42.9	0
17-3025	Environmental Engineering Technicians	70	100	30	42.9	0
17-3026	Industrial Engineering Technicians	470	510	40	8.5	10
17-3027	Mechanical Engineering Technicians	360	420	60	16.7	10
17-3031	Surveying & Mapping Technicians	560	820	260	46.4	40
17-3099	Drafters, Engineering, & Mapping Technicians, All Other	500	590	90	18.0	10
<b>19-0000</b>	<b>Life, Physical, &amp; Social Science Occupations</b>	<b>9,140</b>	<b>10,360</b>	<b>1,220</b>	<b>13.3</b>	<b>200</b>
19-1010	Agricultural & Food Scientists	280	310	30	10.7	0
19-1021	Biochemists & Biophysicists	120	140	20	16.7	0
19-1022	Microbiologists	110	110	0	0.0	0
19-1023	Zoologists & Wildlife Biologists	70	70	0	0.0	0
19-1031	Conservation Scientists	190	160	-30	-15.8	0
19-1041	Epidemiologists	20	20	0	0.0	0
19-1042	Medical Scientists, Except Epidemiologists	260	340	80	30.8	10
19-1099	Life Scientists, All Other	220	210	-10	-4.5	0
19-2012	Physicists	30	30	0	0.0	0
19-2021	Atmospheric & Space Scientists	60	50	-10	-16.7	0
19-2031	Chemists	520	600	80	15.4	20
19-2032	Materials Scientists	30	40	10	33.3	0
19-2041	Environmental Scientists & Specialists, Including Health	770	880	110	14.3	10
19-2042	Geoscientists, Except Hydrologists & Geographers	220	260	40	18.2	0
19-2043	Hydrologists	40	40	0	0.0	0
19-2099	Physical Scientists, All Other	170	170	0	0.0	0
19-3011	Economists	20	30	10	50.0	0
19-3021	Market Research Analysts	1,650	1,910	260	15.8	70
19-3022	Survey Researchers	270	320	50	18.5	10
19-3031	Clinical, Counseling, & School Psychologists	1,430	1,680	250	17.5	60
19-3051	Urban & Regional Planners	110	130	20	18.2	0
19-3091	Anthropologists & Archeologists	10	10	0	0.0	0
19-3093	Historians	10	10	0	0.0	0
19-3099	Social Scientists & Related Workers, All Other	420	410	-10	-2.4	0
19-4011	Agricultural & Food Science Technicians	220	240	20	9.1	0
19-4021	Biological Technicians	200	230	30	15.0	0
19-4031	Chemical Technicians	470	550	80	17.0	10
19-4041	Geological & Petroleum Technicians	100	120	20	20.0	0
19-4051	Nuclear Technicians	10	10	0	0.0	0
19-4091	Environmental Science & Protection Technicians, Including Health	330	430	100	30.3	10
19-4092	Forensic Science Technicians	50	70	20	40.0	0
19-4093	Forest & Conservation Technicians	210	200	-10	-4.8	0
19-4099	Life, Physical, & Social Science Technicians, All Other	520	580	60	11.5	10

**Kansas Statewide  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
<b>21-0000</b>	<b>Community &amp; Social Services Occupations</b>	<b>24,900</b>	<b>29,390</b>	<b>4,490</b>	<b>18.0</b>	<b>870</b>
21-1011	Substance Abuse & Behavioral Disorder Counselors	400	440	40	10.0	0
21-1012	Educational, Vocational, & School Counselors	2,030	2,310	280	13.8	70
21-1013	Marriage & Family Therapists	420	430	10	2.4	0
21-1014	Mental Health Counselors	570	640	70	12.3	10
21-1015	Rehabilitation Counselors	1,360	1,620	260	19.1	60
21-1021	Child, Family, & School Social Workers	1,940	2,300	360	18.6	70
21-1022	Medical & Public Health Social Workers	1,120	1,400	280	25.0	40
21-1023	Mental Health & Substance Abuse Social Workers	1,480	1,720	240	16.2	50
21-1091	Health Educators	220	260	40	18.2	0
21-1092	Probation Officers & Correctional Treatment Specialists	850	920	70	8.2	20
21-1093	Social & Human Service Assistants	4,950	6,290	1,340	27.1	240
21-2011	Clergy	6,160	6,900	740	12.0	200
21-2021	Directors, Religious Activities & Education	1,440	1,740	300	20.8	30
21-9099	Counselors, Social, & Religious Workers, All Other	1,960	2,420	460	23.5	80
<b>23-0000</b>	<b>Legal Occupations</b>	<b>8,080</b>	<b>9,370</b>	<b>1,290</b>	<b>16.0</b>	<b>180</b>
23-1011	Lawyers	3,690	4,430	740	20.1	100
23-1021	Administrative Law Judges, Adjudicators, & Hearing Officers	70	80	10	14.3	0
23-1022	Arbitrators, Mediators, & Conciliators	40	40	0	0.0	0
23-1023	Judges, Magistrate Judges, & Magistrates	400	410	10	2.5	0
23-2011	Paralegals & Legal Assistants	1,560	2,120	560	35.9	60
23-2091	Court Reporters	240	270	30	12.5	0
23-2092	Law Clerks	220	240	20	9.1	0
23-2093	Title Examiners, Abstractors, & Searchers	530	530	0	0.0	0
23-9099	Legal & Related Workers, All Other	1,330	1,250	-80	-6.0	20
<b>25-0000</b>	<b>Education, Training, &amp; Library Occupations</b>	<b>81,880</b>	<b>101,350</b>	<b>19,470</b>	<b>23.8</b>	<b>3,530</b>
25-1011	Business Teachers, Postsecondary	740	990	250	33.8	40
25-1021	Computer Science Teachers, Postsecondary	440	610	170	38.6	20
25-1022	Mathematical Science Teachers, Postsecondary	540	700	160	29.6	20
25-1031	Architecture Teachers, Postsecondary	130	180	50	38.5	10
25-1032	Engineering Teachers, Postsecondary	480	620	140	29.2	20
25-1041	Agricultural Sciences Teachers, Postsecondary	330	420	90	27.3	10
25-1042	Biological Science Teachers, Postsecondary	510	670	160	31.4	20
25-1051	Atmospheric, Earth, Marine, & Space Sciences Teachers, Postsecondary	50	80	30	60.0	0
25-1052	Chemistry Teachers, Postsecondary	180	250	70	38.9	10
25-1053	Environmental Science Teachers, Postsecondary	10	20	10	100.0	0
25-1054	Physics Teachers, Postsecondary	120	160	40	33.3	0
25-1061	Anthropology & Archeology Teachers, Postsecondary	20	30	10	50.0	0
25-1062	Area, Ethnic, & Cultural Studies Teachers, Postsecondary	30	60	30	100.0	0
25-1063	Economics Teachers, Postsecondary	180	250	70	38.9	10
25-1064	Geography Teachers, Postsecondary	50	70	20	40.0	0
25-1065	Political Science Teachers, Postsecondary	130	170	40	30.8	0
25-1066	Psychology Teachers, Postsecondary	330	450	120	36.4	10
25-1067	Sociology Teachers, Postsecondary	170	230	60	35.3	10
25-1071	Health Specialties Teachers, Postsecondary	470	640	170	36.2	20
25-1072	Nursing Instructors & Teachers, Postsecondary	260	350	90	34.6	10
25-1081	Education Teachers, Postsecondary	500	660	160	32.0	30
25-1082	Library Science Teachers, Postsecondary	80	100	20	25.0	0

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2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	100	120	20	20.0	0
25-1112	Law Teachers, Postsecondary	60	110	50	83.3	10
25-1113	Social Work Teachers, Postsecondary	150	180	30	20.0	0
25-1121	Art, Drama, & Music Teachers, Postsecondary	900	1,220	320	35.6	40
25-1122	Communications Teachers, Postsecondary	280	380	100	35.7	10
25-1123	English Language & Literature Teachers, Postsecondary	630	830	200	31.7	20
25-1124	Foreign Language & Literature Teachers, Postsecondary	380	510	130	34.2	10
25-1125	History Teachers, Postsecondary	260	350	90	34.6	10
25-1126	Philosophy & Religion Teachers, Postsecondary	160	220	60	37.5	10
25-1191	Graduate Teaching Assistants	220	290	70	31.8	10
25-1192	Home Economics Teachers, Postsecondary	110	120	10	9.1	0
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	210	260	50	23.8	10
25-1194	Vocational Education Teachers, Postsecondary	750	980	230	30.7	30
25-1199	Postsecondary Teachers, All Other	1,400	1,800	400	28.6	70
25-2011	Preschool Teachers, Except Special Education	2,050	2,500	450	22.0	80
25-2012	Kindergarten Teachers, Except Special Education	1,770	2,290	520	29.4	70
25-2021	Elementary School Teachers, Except Special Education	18,840	22,280	3,440	18.3	750
25-2022	Middle School Teachers, Except Special & Vocational Education	8,820	9,880	1,060	12.0	310
25-2023	Vocational Education Teachers, Middle School	200	220	20	10.0	0
25-2031	Secondary School Teachers, Except Special & Vocational Education	13,000	15,780	2,780	21.4	650
25-2032	Vocational Education Teachers, Secondary School	1,940	2,180	240	12.4	70
25-2041	Special Education Teachers, Preschool, Kindergarten, & Elementary School	2,630	3,510	880	33.5	160
25-2042	Special Education Teachers, Middle School	1,240	1,670	430	34.7	70
25-2043	Special Education Teachers, Secondary School	1,830	2,440	610	33.3	90
25-3011	Adult Literacy, Remedial Education, & GED Teachers & Instructors	530	650	120	22.6	10
25-3021	Self-Enrichment Education Teachers	1,270	1,620	350	27.6	50
25-3999	Teachers, Primary, Secondary, & Adult, All Other	6,560	9,470	2,910	44.4	390
25-4010	Archivists, Curators, & Museum Technicians	270	310	40	14.8	0
25-4021	Librarians	1,820	1,990	170	9.3	50
25-4031	Library Technicians	1,300	1,560	260	20.0	70
25-9011	Audio-Visual Collections Specialists	30	30	0	0.0	0
25-9021	Farm & Home Management Advisors	250	270	20	8.0	0
25-9031	Instructional Coordinators	950	1,210	260	27.4	30
25-9041	Teacher Assistants	5,100	6,280	1,180	23.1	230
25-9199	Library, Museum, Training, & Other Education Workers, All Other	120	130	10	8.3	0
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, &amp; Media Occupations</b>	<b>20,120</b>	<b>23,120</b>	<b>3,000</b>	<b>14.9</b>	<b>580</b>
27-1011	Art Directors	250	260	10	4.0	0
27-1013	Fine Artists, Including Painters, Sculptors, & Illustrators	80	80	0	0.0	0
27-1014	Multi-Media Artists & Animators	320	350	30	9.4	0
27-1021	Commercial & Industrial Designers	300	340	40	13.3	0
27-1022	Fashion Designers	20	50	30	150.0	0
27-1023	Floral Designers	1,450	1,630	180	12.4	40
27-1024	Graphic Designers	1,700	2,050	350	20.6	70
27-1025	Interior Designers	440	540	100	22.7	10

**Kansas Statewide  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
27-1026	Merchandise Displayers & Window Trimmers	540	650	110	20.4	10
27-1027	Set & Exhibit Designers	30	20	-10	-33.3	0
27-1099	Art & Design Workers, All Other	600	650	50	8.3	10
27-2011	Actors	100	110	10	10.0	0
27-2012	Producers & Directors	360	380	20	5.6	0
27-2021	Athletes & Sports Competitors	40	70	30	75.0	0
27-2022	Coaches & Scouts	2,610	3,180	570	21.8	90
27-2023	Umpires, Referees, & Other Sports Officials	340	390	50	14.7	10
27-2031	Dancers	80	80	0	0.0	0
27-2032	Choreographers	370	430	60	16.2	40
27-2041	Music Directors & Composers	540	580	40	7.4	0
27-2042	Musicians & Singers	1,360	1,620	260	19.1	60
27-2099	Entertainers & Performers, Sports & Related Workers, All Other	30	30	0	0.0	0
27-3010	Announcers	840	760	-80	-9.5	30
27-3020	News Analysts, Reporters & Correspondents	820	900	80	9.8	30
27-3031	Public Relations Specialists	1,930	2,480	550	28.5	90
27-3041	Editors	1,180	1,320	140	11.9	30
27-3042	Technical Writers	470	540	70	14.9	30
27-3043	Writers & Authors	950	1,010	60	6.3	20
27-3091	Interpreters & Translators	230	290	60	26.1	10
27-3099	Media & Communication Workers, All Other	350	390	40	11.4	0
27-4011	Audio & Video Equipment Technicians	190	230	40	21.1	0
27-4012	Broadcast Technicians	300	330	30	10.0	0
27-4013	Radio Operators	70	50	-20	-28.6	0
27-4014	Sound Engineering Technicians	40	50	10	25.0	0
27-4021	Photographers	810	880	70	8.6	20
27-4031	Camera Operators, Television, Video, & Motion Picture	140	140	0	0.0	0
27-4032	Film & Video Editors	90	90	0	0.0	0
27-4099	Media & Communication Equipment Workers, All Other	150	170	20	13.3	0
<b>29-0000</b>	<b>Healthcare Practitioners &amp; Technical Occupations</b>	<b>74,520</b>	<b>91,010</b>	<b>16,490</b>	<b>22.1</b>	<b>2,800</b>
29-1011	Chiropractors	620	660	40	6.5	0
29-1020	Dentists	1,240	1,240	0	0.0	20
29-1031	Dietitians & Nutritionists	470	540	70	14.9	10
29-1041	Optometrists	340	350	10	2.9	0
29-1051	Pharmacists	2,040	2,730	690	33.8	100
29-1061	Anesthesiologists	820	890	70	8.5	10
29-1062	Family & General Practitioners	2,040	2,190	150	7.4	50
29-1063	Internists, General	730	780	50	6.8	10
29-1064	Obstetricians & Gynecologists	470	490	20	4.3	0
29-1065	Pediatricians, General	620	680	60	9.7	10
29-1066	Psychiatrists	810	860	50	6.2	10
29-1067	Surgeons	1,700	1,810	110	6.5	30
29-1069	Physicians & Surgeons, All Other	810	880	70	8.6	10
29-1071	Physician Assistants	550	760	210	38.2	20
29-1081	Podiatrists	90	90	0	0.0	0
29-1111	Registered Nurses	27,560	35,060	7,500	27.2	1,320
29-1121	Audiologists	30	40	10	33.3	0
29-1122	Occupational Therapists	930	1,190	260	28.0	30
29-1123	Physical Therapists	1,230	1,560	330	26.8	30
29-1124	Radiation Therapists	110	130	20	18.2	0

**Kansas Statewide  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
29-1125	Recreational Therapists	270	270	0	0.0	0
29-1126	Respiratory Therapists	1,470	1,980	510	34.7	80
29-1127	Speech-Language Pathologists	1,130	1,420	290	25.7	60
29-1131	Veterinarians	1,080	1,160	80	7.4	40
29-1199	Health Diagnosing & Treating Practitioners, All Other	600	730	130	21.7	20
29-2011	Medical & Clinical Laboratory Technologists	1,950	2,360	410	21.0	80
29-2012	Medical & Clinical Laboratory Technicians	1,770	2,090	320	18.1	70
29-2021	Dental Hygienists	1,510	2,010	500	33.1	50
29-2031	Cardiovascular Technologists & Technicians	560	760	200	35.7	20
29-2032	Diagnostic Medical Sonographers	440	540	100	22.7	10
29-2033	Nuclear Medicine Technologists	150	170	20	13.3	0
29-2034	Radiologic Technologists & Technicians	1,730	2,100	370	21.4	70
29-2041	Emergency Medical Technicians & Paramedics	2,620	3,060	440	16.8	70
29-2051	Dietetic Technicians	290	350	60	20.7	10
29-2052	Pharmacy Technicians	1,860	2,400	540	29.0	80
29-2053	Psychiatric Technicians	320	340	20	6.3	0
29-2054	Respiratory Therapy Technicians	260	360	100	38.5	10
29-2055	Surgical Technologists	730	960	230	31.5	20
29-2056	Veterinary Technologists & Technicians	480	670	190	39.6	20
29-2061	Licensed Practical & Licensed Vocational Nurses	7,350	8,360	1,010	13.7	260
29-2071	Medical Records & Health Information Technicians	2,190	3,120	930	42.5	120
29-2081	Opticians, Dispensing	890	910	20	2.2	10
29-2091	Orthotists & Prosthetists	20	20	0	0.0	0
29-9010	Occupational Health & Safety Specialists & Technician	440	500	60	13.6	10
29-9091	Athletic Trainers	260	280	20	7.7	0
29-9199	Health Professionals & Technicians, All Other	940	1,160	220	23.4	10
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>39,730</b>	<b>49,910</b>	<b>10,180</b>	<b>25.6</b>	<b>1,570</b>
31-1011	Home Health Aides	4,100	5,120	1,020	24.9	150
31-1012	Nursing Aides, Orderlies, & Attendants	22,190	27,410	5,220	23.5	820
31-1013	Psychiatric Aides	1,680	2,010	330	19.6	40
31-2011	Occupational Therapist Assistants	190	240	50	26.3	10
31-2012	Occupational Therapist Aides	30	30	0	0.0	0
31-2021	Physical Therapist Assistants	840	1,150	310	36.9	30
31-2022	Physical Therapist Aides	400	530	130	32.5	10
31-9011	Massage Therapists	310	360	50	16.1	10
31-9091	Dental Assistants	2,900	3,860	960	33.1	190
31-9092	Medical Assistants	2,780	4,050	1,270	45.7	180
31-9093	Medical Equipment Preparers	530	660	130	24.5	10
31-9094	Medical Transcriptionists	1,090	1,260	170	15.6	40
31-9095	Pharmacy Aides	490	560	70	14.3	10
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	1,050	1,320	270	25.7	40
31-9099	Healthcare Support Workers, All Other	1,150	1,350	200	17.4	40
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>24,920</b>	<b>28,690</b>	<b>3,770</b>	<b>15.1</b>	<b>1,070</b>
33-1011	First-Line Supervisors/Managers of Correctional Officers	270	290	20	7.4	0
33-1012	First-Line Supervisors/Managers of Police & Detectives	1,400	1,570	170	12.1	70
33-1021	First-Line Supervisors/Managers of Fire Fighting & Prevention Workers	630	730	100	15.9	40
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	370	450	80	21.6	10
33-2011	Fire Fighters	2,700	3,110	410	15.2	130
33-2021	Fire Inspectors & Investigators	80	80	0	0.0	0

**Kansas Statewide  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
33-3011	Bailiffs	50	70	20	40.0	0
33-3012	Correctional Officers & Jailers	4,550	4,890	340	7.5	140
33-3021	Detectives & Criminal Investigators	640	690	50	7.8	20
33-3041	Parking Enforcement Workers	30	30	0	0.0	0
33-3051	Police & Sheriff's Patrol Officers	5,620	6,370	750	13.3	230
33-3052	Transit & Railroad Police	20	20	0	0.0	0
33-9011	Animal Control Workers	210	230	20	9.5	0
33-9021	Private Detectives & Investigators	230	280	50	21.7	10
33-9031	Gaming Surveillance Officers & Gaming Investigators	40	70	30	75.0	0
33-9032	Security Guards	5,870	7,230	1,360	23.2	270
33-9091	Crossing Guards	470	570	100	21.3	10
33-9099	Protective Service Workers, All Other	1,740	2,010	270	15.5	150
<b>35-0000</b>	<b>Food Preparation &amp; Serving Related Occupations</b>	<b>105,710</b>	<b>123,570</b>	<b>17,860</b>	<b>16.9</b>	<b>5,970</b>
35-1011	Chefs & Head Cooks	1,010	1,190	180	17.8	50
35-1012	First-Line Supervisors/Managers of Food Preparation & Serving Workers	8,970	10,610	1,640	18.3	370
35-2011	Cooks, Fast Food	8,010	8,770	760	9.5	320
35-2012	Cooks, Institution & Cafeteria	8,170	8,240	70	0.9	270
35-2013	Cooks, Private Household	20	30	10	50.0	0
35-2014	Cooks, Restaurant	6,350	7,500	1,150	18.1	320
35-2015	Cooks, Short Order	2,900	3,230	330	11.4	130
35-2021	Food Preparation Workers	9,420	11,360	1,940	20.6	530
35-3011	Bartenders	4,130	4,590	460	11.1	220
35-3021	Combined Food Preparation & Serving Workers, Including Fast Food	20,700	26,170	5,470	26.4	1,450
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee Shop	3,940	4,550	610	15.5	310
35-3031	Waiters & Waitresses	20,490	24,240	3,750	18.3	1,450
35-3041	Food Servers, Nonrestaurant	2,050	2,240	190	9.3	100
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	2,320	2,650	330	14.2	120
35-9021	Dishwashers	3,870	4,250	380	9.8	180
35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	2,750	3,300	550	20.0	150
35-9099	Food Preparation & Serving Related Workers, All Other	610	650	40	6.6	10
<b>37-0000</b>	<b>Building &amp; Grounds Cleaning &amp; Maintenance Occupations</b>	<b>48,490</b>	<b>59,110</b>	<b>10,620</b>	<b>21.9</b>	<b>1,980</b>
37-1011	First-Line Supervisors/Managers of Housekeeping & Janitorial Workers	2,150	2,530	380	17.7	80
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, & Groundskeeping Workers	1,200	1,450	250	20.8	30
37-2011	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	23,390	28,460	5,070	21.7	960
37-2012	Maids & Housekeeping Cleaners	9,730	11,720	1,990	20.5	400
37-2021	Pest Control Workers	620	750	130	21.0	10
37-3011	Landscaping & Groundskeeping Workers	10,520	13,190	2,670	25.4	500
37-3012	Pesticide Handlers, Sprayers, & Applicators, Vegetation	570	650	80	14.0	10
37-3013	Tree Trimmers & Pruners	90	110	20	22.2	0
37-9099	Building & Grounds Cleaning & Maintenance Workers, All Other	220	250	30	13.6	0
<b>39-0000</b>	<b>Personal Care &amp; Service Occupations</b>	<b>42,470</b>	<b>49,840</b>	<b>7,370</b>	<b>17.4</b>	<b>1,620</b>
39-1011	Gaming Supervisors	60	70	10	16.7	0

**Kansas Statewide  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
39-1012	Slot Key Persons	110	120	10	9.1	0
39-1021	First-Line Supervisors/Managers of Personal Service Workers	1,860	2,110	250	13.4	70
39-2011	Animal Trainers	90	100	10	11.1	0
39-2021	Nonfarm Animal Caretakers	1,060	1,280	220	20.8	50
39-3011	Gaming Dealers	240	300	60	25.0	20
39-3012	Gaming & Sports Book Writers & Runners	170	210	40	23.5	0
39-3021	Motion Picture Projectionists	100	80	-20	-20.0	0
39-3031	Ushers, Lobby Attendants, & Ticket Takers	1,250	1,320	70	5.6	80
39-3091	Amusement & Recreation Attendants	1,830	2,180	350	19.1	90
39-3092	Costume Attendants	10	20	10	100.0	0
39-3093	Locker Room, Coatroom, & Dressing Room Attendants	290	380	90	31.0	10
39-3199	Gaming Workers, All Other	420	500	80	19.0	10
39-4011	Embalmers	680	710	30	4.4	0
39-4021	Funeral Attendants	180	240	60	33.3	10
39-5011	Barbers	1,000	1,020	20	2.0	30
39-5012	Hairdressers, Hairstylists, & Cosmetologists	7,590	8,160	570	7.5	220
39-5092	Manicurists & Pedicurists	440	510	70	15.9	10
39-5093	Shampooers	230	240	10	4.3	0
39-5094	Skin Care Specialists	430	450	20	4.7	0
39-6011	Baggage Porters & Bellhops	130	150	20	15.4	0
39-6012	Concierges	30	30	0	0.0	0
39-6021	Tour Guides & Escorts	140	190	50	35.7	10
39-6031	Flight Attendants	40	50	10	25.0	0
39-6032	Transportation Attendants, Except Flight Attendants & Baggage Porters	310	370	60	19.4	10
39-9011	Child Care Workers	9,610	11,270	1,660	17.3	430
39-9021	Personal & Home Care Aides	9,670	12,110	2,440	25.2	400
39-9031	Fitness Trainers & Aerobics Instructors	1,780	2,390	610	34.3	90
39-9032	Recreation Workers	1,990	2,380	390	19.6	80
39-9041	Residential Advisors	400	500	100	25.0	10
39-9099	Personal Care & Service Workers, All Other	330	400	70	21.2	10
<b>41-0000</b>	<b>Sales &amp; Related Occupations</b>	<b>154,410</b>	<b>174,450</b>	<b>20,040</b>	<b>13.0</b>	<b>6,950</b>
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	14,360	16,420	2,060	14.3	460
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	4,270	4,950	680	15.9	150
41-2011	Cashiers	35,870	41,410	5,540	15.4	2,310
41-2012	Gaming Change Persons & Booth Cashiers	160	190	30	18.8	0
41-2021	Counter & Rental Clerks	4,460	5,550	1,090	24.4	290
41-2022	Parts Salespersons	2,650	2,580	-70	-2.6	90
41-2031	Retail Salespersons	39,020	44,320	5,300	13.6	1,960
41-3011	Advertising Sales Agents	1,740	2,020	280	16.1	60
41-3021	Insurance Sales Agents	12,570	12,840	270	2.1	330
41-3031	Securities, Commodities, & Financial Services Sales Agents	1,720	1,780	60	3.5	30
41-3041	Travel Agents	440	530	90	20.5	10
41-4011	Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	3,450	3,920	470	13.6	130
41-4012	Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	14,150	16,420	2,270	16.0	600
41-9011	Demonstrators & Product Promoters	780	970	190	24.4	30

**Kansas Statewide  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
41-9021	Real Estate Brokers	1,910	2,000	90	4.7	40
41-9022	Real Estate Sales Agents	5,190	5,320	130	2.5	120
41-9031	Sales Engineers	900	1,010	110	12.2	40
41-9041	Telemarketers	4,630	4,890	260	5.6	100
41-9091	Door-To-Door Sales Workers, News & Street Vendors, & Related Workers	420	460	40	9.5	0
41-9099	Sales & Related Workers, All Other	5,720	6,870	1,150	20.1	230
<b>43-0000</b>	<b>Office &amp; Administrative Support Occupations</b>	<b>225,320</b>	<b>240,650</b>	<b>15,330</b>	<b>6.8</b>	<b>6,650</b>
43-1011	First-Line Supervisors/Managers of Office & Administrative Support Workers	14,840	15,650	810	5.5	400
43-2011	Switchboard Operators, Including Answering Service	2,060	2,080	20	1.0	40
43-2021	Telephone Operators	90	50	-40	-44.4	0
43-2099	Communications Equipment Operators, All Other	50	30	-20	-40.0	0
43-3011	Bill & Account Collectors	3,690	4,840	1,150	31.2	200
43-3021	Billing & Posting Clerks & Machine Operators	5,420	5,670	250	4.6	140
43-3031	Bookkeeping, Accounting, & Auditing Clerks	21,190	22,240	1,050	5.0	500
43-3041	Gaming Cage Workers	90	100	10	11.1	0
43-3051	Payroll & Timekeeping Clerks	2,040	2,180	140	6.9	70
43-3061	Procurement Clerks	930	850	-80	-8.6	20
43-3071	Tellers	7,180	7,770	590	8.2	420
43-4011	Brokerage Clerks	180	140	-40	-22.2	0
43-4021	Correspondence Clerks	290	260	-30	-10.3	0
43-4031	Court, Municipal, & License Clerks	1,360	1,410	50	3.7	30
43-4041	Credit Authorizers, Checkers, & Clerks	540	460	-80	-14.8	0
43-4051	Customer Service Representatives	18,340	22,110	3,770	20.6	660
43-4061	Eligibility Interviewers, Government Programs	580	600	20	3.4	10
43-4071	File Clerks	2,390	2,310	-80	-3.3	70
43-4081	Hotel, Motel, & Resort Desk Clerks	1,630	2,040	410	25.2	140
43-4111	Interviewers, Except Eligibility & Loan	1,890	2,440	550	29.1	100
43-4121	Library Assistants, Clerical	1,440	1,650	210	14.6	80
43-4131	Loan Interviewers & Clerks	1,770	1,440	-330	-18.6	20
43-4141	New Accounts Clerks	1,150	1,250	100	8.7	40
43-4151	Order Clerks	3,410	3,040	-370	-10.9	80
43-4161	Human Resources Assistants, Except Payroll & Timekeeping	1,360	1,570	210	15.4	50
43-4171	Receptionists & Information Clerks	9,310	11,500	2,190	23.5	450
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	1,160	1,640	480	41.4	70
43-4999	Financial, Information, & Record Clerks, All Other	2,640	2,620	-20	-0.8	40
43-5011	Cargo & Freight Agents	1,140	1,250	110	9.6	30
43-5021	Couriers & Messengers	1,120	1,120	0	0.0	20
43-5031	Police, Fire, & Ambulance Dispatchers	1,200	1,370	170	14.2	50
43-5032	Dispatchers, Except Police, Fire, & Ambulance	1,340	1,510	170	12.7	50
43-5041	Meter Readers, Utilities	670	680	10	1.5	10
43-5051	Postal Service Clerks	850	1,050	200	23.5	40
43-5052	Postal Service Mail Carriers	4,030	5,050	1,020	25.3	230
43-5053	Postal Service Mail Sorters, Processors, & Processing Machine Operators	1,970	2,220	250	12.7	70
43-5061	Production, Planning, & Expediting Clerks	3,190	3,650	460	14.4	130
43-5071	Shipping, Receiving, & Traffic Clerks	7,290	7,420	130	1.8	160
43-5081	Stock Clerks & Order Fillers	16,310	15,670	-640	-3.9	610



**Kansas Statewide  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
43-5111	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	670	810	140	20.9	20
43-5199	Material Recording, Scheduling, Dispatching, & Distributing Workers, All Other	100	90	-10	-10.0	0
43-6011	Executive Secretaries & Administrative Assistants	15,670	16,460	790	5.0	370
43-6012	Legal Secretaries	1,570	2,030	460	29.3	80
43-6013	Medical Secretaries	2,380	2,600	220	9.2	50
43-6014	Secretaries, Except Legal, Medical, & Executive	18,560	18,190	-370	-2.0	360
43-9011	Computer Operators	1,470	1,180	-290	-19.7	30
43-9021	Data Entry Keyers	3,580	3,300	-280	-7.8	80
43-9022	Word Processors & Typists	860	610	-250	-29.1	10
43-9031	Desktop Publishers	410	530	120	29.3	10
43-9041	Insurance Claims & Policy Processing Clerks	1,890	1,900	10	0.5	30
43-9051	Mail Clerks & Mail Machine Operators, Except Postal Service	1,380	1,360	-20	-1.4	40
43-9061	Office Clerks, General	27,790	29,890	2,100	7.6	820
43-9071	Office Machine Operators, Except Computer	770	760	-10	-1.3	10
43-9081	Proofreaders & Copy Markers	180	170	-10	-5.6	0
43-9111	Statistical Assistants	60	60	0	0.0	0
43-9999	Secretaries, Administrative Assistants, & Other Office Support Workers, All Other	1,850	1,780	-70	-3.8	40
<b>45-0000</b>	<b>Farming, Fishing, &amp; Forestry Occupations</b>	<b>8,300</b>	<b>9,560</b>	<b>1,260</b>	<b>15.2</b>	<b>300</b>
45-1011	First-Line Supervisors/Managers of Farming, Fishing, & Forestry Workers	330	370	40	12.1	0
45-2011	Agricultural Inspectors	210	200	-10	-4.8	0
45-2021	Animal Breeders	30	30	0	0.0	0
45-2041	Graders & Sorters, Agricultural Products	540	620	80	14.8	10
45-2091	Agricultural Equipment Operators	1,330	1,600	270	20.3	70
45-2092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	4,240	4,870	630	14.9	170
45-2093	Farmworkers, Farm & Ranch Animals	930	1,110	180	19.4	30
45-3011	Fishers & Related Fishing Workers	90	90	0	0.0	0
45-9099	Farming, Fishing, & Forestry Workers, All Other	600	670	70	11.7	20
<b>47-0000</b>	<b>Construction &amp; Extraction Occupations</b>	<b>67,860</b>	<b>81,170</b>	<b>13,310</b>	<b>19.6</b>	<b>2,500</b>
47-1011	First-Line Supervisors/Managers of Construction Trades & Extraction Workers	7,600	8,990	1,390	18.3	280
47-2011	Boilermakers	100	110	10	10.0	0
47-2021	Brickmasons & Blockmasons	620	740	120	19.4	10
47-2022	Stonemasons	230	260	30	13.0	0
47-2031	Carpenters	9,300	11,070	1,770	19.0	340
47-2041	Carpet Installers	790	890	100	12.7	20
47-2042	Floor Layers, Except Carpet, Wood, & Hard Tiles	200	220	20	10.0	0
47-2043	Floor Sanders & Finishers	20	20	0	0.0	0
47-2044	Tile & Marble Setters	520	680	160	30.8	20
47-2051	Cement Masons & Concrete Finishers	2,010	2,620	610	30.3	90
47-2061	Construction Laborers	9,140	11,150	2,010	22.0	330
47-2071	Paving, Surfacing, & Tamping Equipment Operators	930	1,090	160	17.2	20
47-2073	Operating Engineers & Other Construction Equipment Operators	6,450	7,340	890	13.8	260
47-2081	Drywall & Ceiling Tile Installers	540	700	160	29.6	30
47-2082	Tapers	210	250	40	19.0	0
47-2111	Electricians	4,640	5,770	1,130	24.4	200

**Kansas Statewide  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
47-2121	Glaziers	410	470	60	14.6	10
47-2130	Insulation Workers	610	740	130	21.3	30
47-2141	Painters, Construction & Maintenance	3,060	3,540	480	15.7	90
47-2142	Paperhangers	80	100	20	25.0	0
47-2151	Pipelayers	490	590	100	20.4	10
47-2152	Plumbers, Pipefitters, & Steamfitters	4,490	5,300	810	18.0	190
47-2161	Plasterers & Stucco Masons	370	430	60	16.2	10
47-2171	Reinforcing Iron & Rebar Workers	210	240	30	14.3	0
47-2181	Roofers	1,430	1,720	290	20.3	60
47-2211	Sheet Metal Workers	2,900	3,290	390	13.4	100
47-2221	Structural Iron & Steel Workers	330	420	90	27.3	10
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, & Tile & Marble Setters	700	760	60	8.6	40
47-3012	Helpers--Carpenters	1,230	1,480	250	20.3	70
47-3013	Helpers--Electricians	680	790	110	16.2	40
47-3014	Helpers--Painters, Paperhangers, Plasterers, & Stucco Masons	260	320	60	23.1	10
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, & Steamfitters	790	860	70	8.9	40
47-3016	Helpers--Roofers	250	310	60	24.0	10
47-3019	Helpers, Construction Trades, All Other	300	390	90	30.0	20
47-4011	Construction & Building Inspectors	490	610	120	24.5	10
47-4021	Elevator Installers & Repairers	110	120	10	9.1	0
47-4031	Fence Erectors	120	140	20	16.7	0
47-4041	Hazardous Materials Removal Workers	350	520	170	48.6	20
47-4051	Highway Maintenance Workers	1,390	1,610	220	15.8	20
47-4061	Rail-Track Laying & Maintenance Equipment Operators	310	360	50	16.1	10
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	170	200	30	17.6	0
47-4999	Construction Trades & Related Workers, All Other	270	310	40	14.8	0
47-5011	Derrick Operators, Oil & Gas	290	380	90	31.0	10
47-5012	Rotary Drill Operators, Oil & Gas	530	710	180	34.0	30
47-5013	Service Unit Operators, Oil, Gas, & Mining	450	620	170	37.8	20
47-5021	Earth Drillers, Except Oil & Gas	90	100	10	11.1	0
47-5041	Continuous Mining Machine Operators	50	50	0	0.0	0
47-5042	Mine Cutting & Channeling Machine Operators	40	50	10	25.0	0
47-5051	Rock Splitters, Quarry	50	60	10	20.0	0
47-5071	Roustabouts, Oil & Gas	620	810	190	30.6	40
47-5081	Helpers--Extraction Workers	570	750	180	31.6	20
47-5099	Extraction Workers, All Other	70	100	30	42.9	0
<b>49-0000</b>	<b>Installation, Maintenance, &amp; Repair Occupations</b>	<b>59,780</b>	<b>68,980</b>	<b>9,200</b>	<b>15.4</b>	<b>2,100</b>
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, & Repairers	5,360	6,270	910	17.0	230
49-2011	Computer, Automated Teller, & Office Machine Repairers	1,730	1,870	140	8.1	20
49-2021	Radio Mechanics	50	40	-10	-20.0	0
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	2,140	2,050	-90	-4.2	40
49-2091	Avionics Technicians	1,130	1,310	180	15.9	40
49-2092	Electric Motor, Power Tool, & Related Repairers	360	380	20	5.6	0
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	260	290	30	11.5	0
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	570	630	60	10.5	20

**Kansas Statewide  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation, & Relay	280	300	20	7.1	0
49-2096	Electronic Equipment Installers & Repairers, Motor Vehicles	70	90	20	28.6	0
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	600	630	30	5.0	0
49-2098	Security & Fire Alarm Systems Installers	270	330	60	22.2	10
49-2099	Electrical & Electronic Equipment Mechanics, Installers, & Repairers, All Other	10	20	10	100.0	0
49-3011	Aircraft Mechanics & Service Technicians	2,510	3,030	520	20.7	100
49-3021	Automotive Body & Related Repairers	2,140	2,480	340	15.9	60
49-3022	Automotive Glass Installers & Repairers	150	160	10	6.7	0
49-3023	Automotive Service Technicians & Mechanics	7,350	8,350	1,000	13.6	290
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	3,670	4,270	600	16.3	170
49-3041	Farm Equipment Mechanics	600	670	70	11.7	10
49-3042	Mobile Heavy Equipment Mechanics, Except Engine	1,500	1,670	170	11.3	50
49-3043	Rail Car Repairers	460	540	80	17.4	10
49-3051	Motorboat Mechanics	50	60	10	20.0	0
49-3052	Motorcycle Mechanics	190	210	20	10.5	0
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	250	270	20	8.0	0
49-3091	Bicycle Repairers	130	170	40	30.8	0
49-3092	Recreational Vehicle Service Technicians	80	100	20	25.0	0
49-3093	Tire Repairers & Changers	1,970	2,160	190	9.6	120
49-3099	Vehicle & Mobile Equipment Mechanics, Installers, & Repairers, All Other	30	30	0	0.0	0
49-9011	Mechanical Door Repairers	160	190	30	18.8	0
49-9012	Control & Valve Installers & Repairers, Except Mechanical Door	320	400	80	25.0	10
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	2,290	2,980	690	30.1	100
49-9031	Home Appliance Repairers	510	510	0	0.0	0
49-9041	Industrial Machinery Mechanics	2,290	2,660	370	16.2	100
49-9042	Maintenance & Repair Workers, General	12,210	14,430	2,220	18.2	450
49-9043	Maintenance Workers, Machinery	820	940	120	14.6	10
49-9044	Millwrights	450	540	90	20.0	10
49-9051	Electrical Power-Line Installers & Repairers	1,860	2,160	300	16.1	80
49-9052	Telecommunications Line Installers & Repairers	1,380	1,480	100	7.2	40
49-9061	Camera & Photographic Equipment Repairers	20	20	0	0.0	0
49-9062	Medical Equipment Repairers	110	140	30	27.3	0
49-9063	Musical Instrument Repairers & Tuners	70	80	10	14.3	0
49-9064	Watch Repairers	10	20	10	100.0	0
49-9069	Precision Instrument & Equipment Repairers, All Other	180	190	10	5.6	0
49-9091	Coin, Vending, & Amusement Machine Servicers & Repairers	460	560	100	21.7	10
49-9094	Locksmiths & Safe Repairers	150	200	50	33.3	10
49-9095	Manufactured Building & Mobile Home Installers	210	250	40	19.0	0
49-9096	Riggers	110	140	30	27.3	0
49-9097	Signal & Track Switch Repairers	150	200	50	33.3	10
49-9098	Helpers--Installation, Maintenance, & Repair Workers	1,060	1,280	220	20.8	50
49-9099	Installation, Maintenance, & Repair Workers, All Other	1,050	1,230	180	17.1	40

**Kansas Statewide  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
<b>51-0000</b>	<b>Production Occupations</b>	<b>121,270</b>	<b>128,450</b>	<b>7,180</b>	<b>5.9</b>	<b>3,260</b>
51-1011	First-Line Supervisors/Managers of Production & Operating Workers	8,750	9,800	1,050	12.0	300
51-2011	Aircraft Structure, Surfaces, Rigging, & Systems Assemblers	3,500	3,690	190	5.4	110
51-2021	Coil Winders, Tapers, & Finishers	150	130	-20	-13.3	0
51-2022	Electrical & Electronic Equipment Assemblers	2,660	2,370	-290	-10.9	70
51-2023	Electromechanical Equipment Assemblers	640	610	-30	-4.7	10
51-2031	Engine & Other Machine Assemblers	2,750	2,770	20	0.7	70
51-2041	Structural Metal Fabricators & Fitters	1,170	1,180	10	0.9	20
51-2091	Fiberglass Laminators & Fabricators	530	520	-10	-1.9	10
51-2092	Team Assemblers	13,980	13,820	-160	-1.1	370
51-2093	Timing Device Assemblers, Adjusters, & Calibrators	20	20	0	0.0	0
51-2099	Assemblers & Fabricators, All Other	1,310	1,260	-50	-3.8	30
51-3011	Bakers	1,150	1,340	190	16.5	40
51-3021	Butchers & Meat Cutters	1,440	1,440	0	0.0	40
51-3022	Meat, Poultry, & Fish Cutters & Trimmers	4,240	4,530	290	6.8	120
51-3023	Slaughterers & Meat Packers	4,480	4,760	280	6.3	120
51-3091	Food & Tobacco Roasting, Baking, & Drying Machine Operators & Tenders	230	260	30	13.0	0
51-3092	Food Batchmakers	1,290	1,430	140	10.9	60
51-3093	Food Cooking Machine Operators & Tenders	680	760	80	11.8	20
51-3099	Food Processing Workers, All Other	490	530	40	8.2	10
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	2,550	2,760	210	8.2	60
51-4012	Numerical Tool & Process Control Programmers	200	230	30	15.0	0
51-4021	Extruding & Drawing Machine Setters, Operators, & Tenders, Metal & Plastic	760	750	-10	-1.3	30
51-4022	Forging Machine Setters, Operators, & Tenders, Metal & Plastic	430	440	10	2.3	0
51-4023	Rolling Machine Setters, Operators, & Tenders, Metal & Plastic	300	300	0	0.0	0
51-4031	Cutting, Punching, & Press Machine Setters, Operators, & Tenders, Metal & Plastic	2,030	2,120	90	4.4	70
51-4032	Drilling & Boring Machine Tool Setters, Operators, & Tenders, Metal & Plastic	370	370	0	0.0	0
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, & Tenders, Metal & Plastic	820	830	10	1.2	10
51-4034	Lathe & Turning Machine Tool Setters, Operators, & Tenders, Metal & Plastic	620	640	20	3.2	0
51-4035	Milling & Planing Machine Setters, Operators, & Tenders, Metal & Plastic	380	370	-10	-2.6	0
51-4041	Machinists	4,220	4,520	300	7.1	120
51-4051	Metal-Refining Furnace Operators & Tenders	70	100	30	42.9	0
51-4052	Pourers & Casters, Metal	110	120	10	9.1	0
51-4061	Model Makers, Metal & Plastic	100	100	0	0.0	0
51-4062	Patternmakers, Metal & Plastic	150	150	0	0.0	0
51-4071	Foundry Mold & Coremakers	270	260	-10	-3.7	0
51-4072	Molding, Coremaking, & Casting Machine Setters, Operators, & Tenders, Metal & Plastic	1,210	1,220	10	0.8	30

**Kansas Statewide  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
51-4081	Multiple Machine Tool Setters, Operators, & Tenders, Metal & Plastic	500	550	50	10.0	10
51-4111	Tool & Die Makers	1,020	1,020	0	0.0	10
51-4121	Welders, Cutters, Solderers, & Brazers	4,740	5,450	710	15.0	220
51-4122	Welding, Soldering, & Brazing Machine Setters, Operators, & Tenders	250	260	10	4.0	0
51-4191	Heat Treating Equipment Setters, Operators, & Tenders, Metal & Plastic	250	250	0	0.0	10
51-4192	Lay-Out Workers, Metal & Plastic	70	70	0	0.0	0
51-4193	Plating & Coating Machine Setters, Operators, & Tenders, Metal & Plastic	290	300	10	3.4	0
51-4194	Tool Grinders, Filers, & Sharpeners	170	130	-40	-23.5	0
51-4199	Metal Workers & Plastic Workers, All Other	540	540	0	0.0	10
51-5011	Bindery Workers	1,060	960	-100	-9.4	30
51-5012	Bookbinders	110	110	0	0.0	0
51-5021	Job Printers	710	770	60	8.5	20
51-5022	Prepress Technicians & Workers	1,190	1,080	-110	-9.2	40
51-5023	Printing Machine Operators	2,570	2,780	210	8.2	70
51-5099	Printing Workers, All Other	190	210	20	10.5	0
51-6011	Laundry & Dry-Cleaning Workers	2,380	2,810	430	18.1	100
51-6021	Pressers, Textile, Garment, & Related Materials	500	600	100	20.0	10
51-6031	Sewing Machine Operators	1,710	1,920	210	12.3	40
51-6041	Shoe & Leather Workers & Repairers	30	30	0	0.0	0
51-6051	Sewers, Hand	60	60	0	0.0	0
51-6052	Tailors, Dressmakers, & Custom Sewers	270	290	20	7.4	0
51-6062	Textile Cutting Machine Setters, Operators, & Tenders	140	140	0	0.0	0
51-6063	Textile Knitting & Weaving Machine Setters, Operators, & Tenders	20	20	0	0.0	0
51-6064	Textile Winding, Twisting, & Drawing Out Machine Setters, Operators, & Tenders	130	140	10	7.7	0
51-6091	Extruding & Forming Machine Setters, Operators, & Tenders, Synthetic & Glass Fibers	150	160	10	6.7	0
51-6092	Fabric & Apparel Patternmakers	70	80	10	14.3	0
51-6093	Upholsterers	390	350	-40	-10.3	0
51-6099	Textile, Apparel, & Furnishings Workers, All Other	250	320	70	28.0	10
51-7011	Cabinetmakers & Bench Carpenters	1,280	1,370	90	7.0	50
51-7021	Furniture Finishers	300	320	20	6.7	0
51-7031	Model Makers, Wood	10	10	0	0.0	0
51-7032	Patternmakers, Wood	90	90	0	0.0	0
51-7041	Sawing Machine Setters, Operators, & Tenders, Wood	410	380	-30	-7.3	0
51-7042	Woodworking Machine Setters, Operators, & Tenders, Except Sawing	770	740	-30	-3.9	10
51-7099	Woodworkers, All Other	40	40	0	0.0	0
51-8012	Power Distributors & Dispatchers	110	120	10	9.1	0
51-8013	Power Plant Operators	560	640	80	14.3	10
51-8021	Stationary Engineers & Boiler Operators	330	350	20	6.1	0
51-8031	Water & Liquid Waste Treatment Plant & System Operators	1,040	1,200	160	15.4	50
51-8091	Chemical Plant & System Operators	610	660	50	8.2	20
51-8092	Gas Plant Operators	220	300	80	36.4	10
51-8093	Petroleum Pump System Operators, Refinery Operators, & Gaugers	640	720	80	12.5	20

**Kansas Statewide  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
51-8099	Plant & System Operators, All Other	160	180	20	12.5	0
51-9011	Chemical Equipment Operators & Tenders	350	380	30	8.6	0
51-9012	Separating, Filtering, Clarifying, Precipitating, & Still Machine Setters, Operators, & Tenders	340	410	70	20.6	10
51-9021	Crushing, Grinding, & Polishing Machine Setters, Operators, & Tenders	540	540	0	0.0	0
51-9022	Grinding & Polishing Workers, Hand	610	640	30	4.9	10
51-9023	Mixing & Blending Machine Setters, Operators, & Tenders	1,770	1,760	-10	-0.6	50
51-9031	Cutters & Trimmers, Hand	200	250	50	25.0	10
51-9032	Cutting & Slicing Machine Setters, Operators, & Tenders	750	880	130	17.3	10
51-9041	Extruding, Forming, Pressing, & Compacting Machine Setters, Operators, & Tenders	760	750	-10	-1.3	10
51-9051	Furnace, Kiln, Oven, Drier, & Kettle Operators & Tenders	280	280	0	0.0	0
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	6,090	6,530	440	7.2	190
51-9071	Jewelers & Precious Stone & Metal Workers	180	190	10	5.6	0
51-9081	Dental Laboratory Technicians	690	710	20	2.9	10
51-9082	Medical Appliance Technicians	60	90	30	50.0	0
51-9083	Ophthalmic Laboratory Technicians	290	280	-10	-3.4	0
51-9111	Packaging & Filling Machine Operators & Tenders	4,230	4,980	750	17.7	170
51-9121	Coating, Painting, & Spraying Machine Setters, Operators, & Tenders	1,510	1,650	140	9.3	50
51-9122	Painters, Transportation Equipment	640	710	70	10.9	20
51-9123	Painting, Coating, & Decorating Workers	220	260	40	18.2	0
51-9131	Photographic Process Workers	270	280	10	3.7	0
51-9132	Photographic Processing Machine Operators	710	780	70	9.9	20
51-9141	Semiconductor Processors	10	10	0	0.0	0
51-9191	Cementing & Gluing Machine Operators & Tenders	280	280	0	0.0	0
51-9192	Cleaning, Washing, & Metal Pickling Equipment Operators & Tenders	180	190	10	5.6	0
51-9193	Cooling & Freezing Equipment Operators & Tenders	100	110	10	10.0	0
51-9194	Etchers & Engravers	140	140	0	0.0	0
51-9195	Molders, Shapers, & Casters, Except Metal & Plastic	100	110	10	10.0	0
51-9196	Paper Goods Machine Setters, Operators, & Tenders	920	1,030	110	12.0	20
51-9197	Tire Builders	580	620	40	6.9	10
51-9198	Helpers--Production Workers	4,960	5,160	200	4.0	150
51-9199	Production Workers, All Other	3,130	3,430	300	9.6	120
<b>53-0000</b>	<b>Transportation &amp; Material Moving Occupations</b>	<b>101,820</b>	<b>114,130</b>	<b>12,310</b>	<b>12.1</b>	<b>3,340</b>
53-1011	Aircraft Cargo Handling Supervisors	40	40	0	0.0	0
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand	1,950	2,220	270	13.8	70
53-1031	First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators	2,570	2,900	330	12.8	100
53-2011	Airline Pilots, Copilots, & Flight Engineers	200	230	30	15.0	0
53-2012	Commercial Pilots	240	250	10	4.2	10
53-2021	Air Traffic Controllers	460	410	-50	-10.9	10
53-2022	Airfield Operations Specialists	10	10	0	0.0	0
53-2099	A Ambulance Drivers & Attendants, Except Emergency Medical Technicians	100	120	20	20.0	0
53-3021	Bus Drivers, Transit & Intercity	510	600	90	17.6	10
53-3022	Bus Drivers, School	6,790	7,840	1,050	15.5	260

# Kansas Statewide 2012 Occupational Outlook

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
53-3031	Driver/Sales Workers	5,330	5,660	330	6.2	120
53-3032	Truck Drivers, Heavy & Tractor-Trailer	23,280	27,510	4,230	18.2	790
53-3033	Truck Drivers, Light or Delivery Services	9,320	11,010	1,690	18.1	260
53-3041	Taxi Drivers & Chauffeurs	1,120	1,320	200	17.9	20
53-3099	Motor Vehicle Operators, All Other	590	680	90	15.3	10
53-4011	Locomotive Engineers	830	1,030	200	24.1	40
53-4012	Locomotive Firers	20	20	0	0.0	0
53-4013	Rail Yard Engineers, Dinkey Operators, & Hostlers	40	40	0	0.0	0
53-4021	Railroad Brake, Signal, & Switch Operators	640	640	0	0.0	0
53-4031	Railroad Conductors & Yardmasters	700	890	190	27.1	40
53-4099	Rail Transportation Workers, All Other	60	80	20	33.3	0
53-6021	Parking Lot Attendants	130	130	0	0.0	0
53-6031	Service Station Attendants	1,220	1,370	150	12.3	80
53-6041	Traffic Technicians	90	120	30	33.3	0
53-6051	Transportation Inspectors	260	300	40	15.4	0
53-6099	Transportation Workers, All Other	140	150	10	7.1	0
53-7011	Conveyor Operators & Tenders	610	670	60	9.8	10
53-7021	Crane & Tower Operators	330	390	60	18.2	10
53-7031	Dredge Operators	20	40	20	100.0	0
53-7032	Excavating & Loading Machine & Dragline Operators	400	500	100	25.0	10
53-7041	Hoist & Winch Operators	100	120	20	20.0	0
53-7051	Industrial Truck & Tractor Operators	6,730	7,440	710	10.5	200
53-7061	Cleaners of Vehicles & Equipment	3,430	3,820	390	11.4	170
53-7062	Laborers & Freight, Stock, & Material Movers, Hand	19,680	19,890	210	1.1	660
53-7063	Machine Feeders & Offbearers	2,110	2,120	10	0.5	60
53-7064	Packers & Packagers, Hand	9,150	10,390	1,240	13.6	300
53-7071	Gas Compressor & Gas Pumping Station Operators	90	100	10	11.1	0
53-7072	Pump Operators, Except Wellhead Pumpers	80	90	10	12.5	0
53-7073	Wellhead Pumpers	630	830	200	31.7	30
53-7081	Refuse & Recyclable Material Collectors	1,310	1,620	310	23.7	60
53-7121	Tank Car, Truck, & Ship Loaders	100	100	0	0.0	0
53-7199	Material Moving Workers, All Other	380	400	20	5.3	0

**Footnotes:**

1 *Average Annual Employment* in the 2002 and 2012 columns may not add due to suppression and rounding.

2 The net employment increase and net replacements were calculated together to create *Total Annual Openings*. If net employment change is negative, job openings due to growth are zero and total job openings equal net replacements. Turnover rates are not included in this data. Total Annual Openings may not add due to suppression and rounding.

## **Kansas City Region**



## **Kansas City Kansas Region Occupational Trends**

In 2002, total occupational employment was 447,020 and is projected to reach 513,570 in 2012, or 14.9 percent growth over the period. The largest major occupational group for the Kansas City region in 2002 was the **Office and Administrative Support** occupational group, with an employment level of 74,770. The same occupational group is projected to be the largest in the year 2012, employing 80,280. The **Sales and Related** and **Transportation and Material Moving** occupational groups rank second and third, respectively, in employment size for both 2002 and 2012.

The **Sales and Related** occupational group is expected to have the greatest numerical job growth, 7,230, followed by the **Office and Administrative Support** occupational group, with 5,510. Two occupational groups, **Healthcare Support** and **Building and Grounds Cleaning and Maintenance**, will experience the greatest percent change, 27.2 and 23.8 percent respectively.

The most annual openings are expected in the **Sales and Related** occupational group with 2,380, followed by the **Office and Administrative Support** occupational group with 2,270 annual openings. Within the **Sales and Related** occupational group, **retail salespersons** are projected to have the most annual openings, with 720, followed by **cashiers**, with 640 annual openings.

**Kansas City Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
	<b><u>Total, All Kansas City Occupations</u></b>	<b><u>447,020</u></b>	<b><u>513,570</u></b>	<b><u>66,550</u></b>	<b><u>14.9</u></b>	<b><u>16,610</u></b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>34,160</b>	<b>38,120</b>	<b>3,960</b>	<b>11.6</b>	<b>860</b>
11-1011	Chief Executives	1,690	2,020	330	19.5	60
11-1021	General & Operations Managers	5,660	6,690	1,030	18.2	210
11-1031	Legislators	180	200	20	11.1	0
11-2011	Advertising & Promotions Managers	200	260	60	30.0	10
11-2021	Marketing Managers	550	670	120	21.8	20
11-2022	Sales Managers	1,090	1,410	320	29.4	50
11-2031	Public Relations Managers	140	170	30	21.4	0
11-3011	Administrative Services Managers	690	820	130	18.8	20
11-3021	Computer & Information Systems Managers	870	1,130	260	29.9	50
11-3031	Financial Managers	1,440	1,670	230	16.0	40
11-3040	Human Resources Managers	460	540	80	17.4	20
11-3051	Industrial Production Managers	490	550	60	12.2	20
11-3061	Purchasing Managers	220	230	10	4.5	10
11-3071	Transportation, Storage, & Distribution Managers	370	450	80	21.6	20
11-9011	Farm, Ranch, & Other Agricultural Managers	70	80	10	14.3	0
11-9012	Farmers & Ranchers	12,990	13,040	50	0.4	60
11-9021	Construction Managers	810	940	130	16.0	30
11-9031	Education Administrators, Preschool & Child Care	110	120	10	9.1	0
11-9032	Education Administrators, Elementary & Secondary School	630	790	160	25.4	40
11-9033	Education Administrators, Postsecondary	110	130	20	18.2	0
11-9039	Education Administrators, All Other	40	50	10	25.0	0
11-9041	Engineering Managers	740	900	160	21.6	40
11-9051	Food Service Managers	800	920	120	15.0	20
11-9061	Funeral Directors	310	320	10	3.2	10
11-9081	Lodging Managers	80	80	0	0.0	0
11-9111	Medical & Health Services Managers	780	980	200	25.6	40
11-9121	Natural Sciences Managers	120	130	10	8.3	0
11-9131	Postmasters & Mail Superintendents	160	200	40	25.0	0
11-9141	Property, Real Estate, & Community Association Managers	430	510	80	18.6	20
11-9151	Social & Community Service Managers	190	220	30	15.8	0
11-9199	Managers, All Other	1,740	1,900	160	9.2	50
<b>13-0000</b>	<b>Business &amp; Financial Operations Occupations</b>	<b>19,070</b>	<b>22,170</b>	<b>3,100</b>	<b>16.3</b>	<b>660</b>
13-1011	Agents & Business Managers of Artists, Performers, & Athletes	40	50	10	25.0	0
13-1021	Purchasing Agents & Buyers, Farm Products	60	70	10	16.7	0
13-1022	Wholesale & Retail Buyers, Except Farm Products	700	710	10	1.4	20
13-1023	Purchasing Agents, Except Wholesale, Retail, & Farm Products	690	790	100	14.5	30
13-1031	Claims Adjusters, Examiners, & Investigators	1,190	1,340	150	12.6	40
13-1032	Insurance Appraisers, Auto Damage	60	60	0	0.0	0
13-1041	Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation	480	510	30	6.3	10
13-1051	Cost Estimators	830	1,020	190	22.9	40
13-1061	Emergency Management Specialists	30	40	10	33.3	0
13-1071	Employment, Recruitment, & Placement Specialists	580	680	100	17.2	20
13-1072	Compensation, Benefits, & Job Analysis Specialists	510	640	130	25.5	20
13-1073	Training & Development Specialists	660	800	140	21.2	20
13-1111	Management Analysts	2,150	2,660	510	23.7	80
13-1121	Meeting & Convention Planners	150	170	20	13.3	0

**Kansas City Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
13-1199	Business Operations Specialists, All Other	2,770	3,300	530	19.1	100
13-2011	Accountants & Auditors	3,060	3,690	630	20.6	120
13-2021	Appraisers & Assessors of Real Estate	290	330	40	13.8	10
13-2031	Budget Analysts	130	140	10	7.7	0
13-2041	Credit Analysts	220	240	20	9.1	0
13-2051	Financial Analysts	1,360	1,470	110	8.1	30
13-2052	Personal Financial Advisors	400	500	100	25.0	20
13-2053	Insurance Underwriters	530	560	30	5.7	10
13-2061	Financial Examiners	70	70	0	0.0	0
13-2071	Loan Counselors	40	50	10	25.0	0
13-2072	Loan Officers	1,370	1,520	150	10.9	40
13-2081	Tax Examiners, Collectors, & Revenue Agents	260	230	-30	-11.5	10
13-2082	Tax Preparers	170	230	60	35.3	10
13-2099	Financial Specialists, All Other	270	300	30	11.1	10
<b>15-0000</b>	<b>Computer &amp; Mathematical Occupations</b>	<b>16,290</b>	<b>19,720</b>	<b>3,430</b>	<b>21.1</b>	<b>570</b>
15-1011	Computer & Information Scientists, Research	60	70	10	16.7	0
15-1021	Computer Programmers	2,200	2,280	80	3.6	60
15-1031	Computer Software Engineers, Applications	4,150	4,960	810	19.5	120
15-1032	Computer Software Engineers, Systems Software	970	1,350	380	39.2	50
15-1041	Computer Support Specialists	2,170	2,640	470	21.7	80
15-1051	Computer Systems Analysts	3,060	3,780	720	23.5	110
15-1061	Database Administrators	510	680	170	33.3	30
15-1071	Network & Computer Systems Administrators	1,380	1,750	370	26.8	60
15-1081	Network Systems & Data Communications Analysts	700	970	270	38.6	40
15-1099	Computer Specialists, All Other	440	560	120	27.3	20
15-2011	Actuaries	100	110	10	10.0	0
15-2031	Operations Research Analysts	480	490	10	2.1	10
15-2041	Statisticians	50	60	10	20.0	0
15-2091	Mathematical Technicians	10	10	0	0.0	0
15-2099	Mathematical Science Occupations, All Other	10	10	0	0.0	0
<b>17-0000</b>	<b>Architecture &amp; Engineering Occupations</b>	<b>11,400</b>	<b>13,420</b>	<b>2,020</b>	<b>17.7</b>	<b>440</b>
17-1011	Architects, Except Landscape & Naval	480	720	240	50.0	30
17-1012	Landscape Architects	80	100	20	25.0	0
17-1021	Cartographers & Photogrammetrists	180	250	70	38.9	20
17-1022	Surveyors	230	290	60	26.1	20
17-2011	Aerospace Engineers	180	230	50	27.8	10
17-2021	Agricultural Engineers	10	20	10	100.0	0
17-2031	Biomedical Engineers	20	20	0	0.0	0
17-2041	Chemical Engineers	90	120	30	33.3	0
17-2051	Civil Engineers	830	1,060	230	27.7	30
17-2061	Computer Hardware Engineers	280	300	20	7.1	10
17-2071	Electrical Engineers	510	590	80	15.7	20
17-2072	Electronics Engineers, Except Computer	4,180	4,410	230	5.5	100
17-2081	Environmental Engineers	120	170	50	41.7	10
17-2111	Health & Safety Engineers, Except Mining Safety Engineers & Inspectors	70	90	20	28.6	0
17-2112	Industrial Engineers	250	290	40	16.0	10
17-2131	Materials Engineers	30	30	0	0.0	0
17-2141	Mechanical Engineers	730	880	150	20.5	40
17-2161	Nuclear Engineers	10	10	0	0.0	0
17-2171	Petroleum Engineers	10	10	0	0.0	0

**Kansas City Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
17-2199	Engineers, All Other	220	250	30	13.6	0
17-3011	Architectural & Civil Drafters	550	700	150	27.3	40
17-3012	Electrical & Electronics Drafters	190	200	10	5.3	10
17-3013	Mechanical Drafters	370	410	40	10.8	10
17-3021	Aerospace Engineering & Operations Technicians	20	20	0	0.0	0
17-3022	Civil Engineering Technicians	580	730	150	25.9	30
17-3023	Electrical & Electronic Engineering Technicians	480	570	90	18.8	20
17-3024	Electro-Mechanical Technicians	30	40	10	33.3	0
17-3025	Environmental Engineering Technicians	40	50	10	25.0	0
17-3026	Industrial Engineering Technicians	90	110	20	22.2	0
17-3027	Mechanical Engineering Technicians	110	130	20	18.2	0
17-3031	Surveying & Mapping Technicians	300	460	160	53.3	30
17-3099	Drafters, Engineering, & Mapping Technicians, All Other	130	160	30	23.1	0
<b>19-0000</b>	<b>Life, Physical, &amp; Social Science Occupations</b>	<b>3,170</b>	<b>3,610</b>	<b>440</b>	<b>13.9</b>	<b>80</b>
19-1010	Agricultural & Food Scientists	50	50	0	0.0	0
19-1021	Biochemists & Biophysicists	40	50	10	25.0	0
19-1022	Microbiologists	40	40	0	0.0	0
19-1023	Zoologists & Wildlife Biologists	10	10	0	0.0	0
19-1031	Conservation Scientists	70	60	-10	-14.3	0
19-1041	Epidemiologists	10	10	0	0.0	0
19-1042	Medical Scientists, Except Epidemiologists	120	160	40	33.3	0
19-1099	Life Scientists, All Other	70	60	-10	-14.3	0
19-2012	Physicists	10	10	0	0.0	0
19-2021	Atmospheric & Space Scientists	30	30	0	0.0	0
19-2031	Chemists	200	230	30	15.0	10
19-2032	Materials Scientists	10	10	0	0.0	0
19-2041	Environmental Scientists & Specialists, Including Health	240	300	60	25.0	10
19-2042	Geoscientists, Except Hydrologists & Geographers	70	90	20	28.6	0
19-2043	Hydrologists	20	20	0	0.0	0
19-2099	Physical Scientists, All Other	70	70	0	0.0	0
19-3011	Economists	10	10	0	0.0	0
19-3021	Market Research Analysts	890	1,000	110	12.4	30
19-3022	Survey Researchers	80	100	20	25.0	0
19-3031	Clinical, Counseling, & School Psychologists	350	410	60	17.1	20
19-3051	Urban & Regional Planners	30	40	10	33.3	0
19-3093	Historians	10	10	0	0.0	0
19-3099	Social Scientists & Related Workers, All Other	130	120	-10	-7.7	0
19-4011	Agricultural & Food Science Technicians	30	30	0	0.0	0
19-4021	Biological Technicians	70	90	20	28.6	0
19-4031	Chemical Technicians	140	160	20	14.3	0
19-4041	Geological & Petroleum Technicians	10	10	0	0.0	0
19-4051	Nuclear Technicians	10	10	0	0.0	0
19-4091	Environmental Science & Protection Technicians, Including Health	110	160	50	45.5	10
19-4092	Forensic Science Technicians	20	30	10	50.0	0
19-4093	Forest & Conservation Technicians	80	70	-10	-12.5	0
19-4099	Life, Physical, & Social Science Technicians, All Other	140	160	20	14.3	0
<b>21-0000</b>	<b>Community &amp; Social Services Occupations</b>	<b>5,810</b>	<b>6,880</b>	<b>1,070</b>	<b>18.4</b>	<b>220</b>
21-1011	Substance Abuse & Behavioral Disorder Counselors	90	100	10	11.1	0
21-1012	Educational, Vocational, & School Counselors	480	550	70	14.6	20
21-1013	Marriage & Family Therapists	130	140	10	7.7	0

**Kansas City Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
21-1014	Mental Health Counselors	120	130	10	8.3	0
21-1015	Rehabilitation Counselors	260	310	50	19.2	20
21-1021	Child, Family, & School Social Workers	470	550	80	17.0	20
21-1022	Medical & Public Health Social Workers	240	310	70	29.2	10
21-1023	Mental Health & Substance Abuse Social Workers	280	340	60	21.4	20
21-1091	Health Educators	50	60	10	20.0	0
21-1092	Probation Officers & Correctional Treatment Specialists	150	170	20	13.3	0
21-1093	Social & Human Service Assistants	940	1,230	290	30.9	50
21-2011	Clergy	1,700	1,900	200	11.8	60
21-2021	Directors, Religious Activities & Education	400	480	80	20.0	10
21-9099	Counselors, Social, & Religious Workers, All Other	500	610	110	22.0	20
<b>23-0000</b>	<b>Legal Occupations</b>	<b>2,500</b>	<b>2,930</b>	<b>430</b>	<b>17.2</b>	<b>60</b>
23-1011	Lawyers	1,100	1,350	250	22.7	40
23-1021	Administrative Law Judges, Adjudicators, & Hearing Officers	20	20	0	0.0	0
23-1022	Arbitrators, Mediators, & Conciliators	10	10	0	0.0	0
23-1023	Judges, Magistrate Judges, & Magistrates	50	60	10	20.0	0
23-2011	Paralegals & Legal Assistants	490	670	180	36.7	20
23-2091	Court Reporters	50	70	20	40.0	0
23-2092	Law Clerks	60	70	10	16.7	0
23-2093	Title Examiners, Abstractors, & Searchers	250	240	-10	-4.0	0
23-9099	Legal & Related Workers, All Other	470	440	-30	-6.4	10
<b>25-0000</b>	<b>Education, Training, &amp; Library Occupations</b>	<b>19,890</b>	<b>24,530</b>	<b>4,640</b>	<b>23.3</b>	<b>870</b>
25-1011	Business Teachers, Postsecondary	110	140	30	27.3	0
25-1021	Computer Science Teachers, Postsecondary	100	140	40	40.0	0
25-1022	Mathematical Science Teachers, Postsecondary	110	140	30	27.3	0
25-1031	Architecture Teachers, Postsecondary	10	10	0	0.0	0
25-1032	Engineering Teachers, Postsecondary	40	50	10	25.0	0
25-1041	Agricultural Sciences Teachers, Postsecondary	30	40	10	33.3	0
25-1042	Biological Science Teachers, Postsecondary	80	100	20	25.0	0
25-1051	Atmospheric, Earth, Marine, & Space Sciences Teachers, Postsecondary	10	10	0	0.0	0
25-1052	Chemistry Teachers, Postsecondary	20	30	10	50.0	0
25-1054	Physics Teachers, Postsecondary	10	10	0	0.0	0
25-1063	Economics Teachers, Postsecondary	30	40	10	33.3	0
25-1064	Geography Teachers, Postsecondary	10	10	0	0.0	0
25-1065	Political Science Teachers, Postsecondary	20	20	0	0.0	0
25-1066	Psychology Teachers, Postsecondary	50	70	20	40.0	0
25-1067	Sociology Teachers, Postsecondary	30	40	10	33.3	0
25-1071	Health Specialties Teachers, Postsecondary	80	110	30	37.5	0
25-1072	Nursing Instructors & Teachers, Postsecondary	60	80	20	33.3	0
25-1081	Education Teachers, Postsecondary	30	40	10	33.3	0
25-1082	Library Science Teachers, Postsecondary	10	10	0	0.0	0
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	20	30	10	50.0	0
25-1112	Law Teachers, Postsecondary	10	10	0	0.0	0
25-1113	Social Work Teachers, Postsecondary	10	10	0	0.0	0
25-1121	Art, Drama, & Music Teachers, Postsecondary	130	170	40	30.8	0
25-1122	Communications Teachers, Postsecondary	40	60	20	50.0	0
25-1123	English Language & Literature Teachers, Postsecondary	120	160	40	33.3	0
25-1124	Foreign Language & Literature Teachers, Postsecondary	80	110	30	37.5	0

**Kansas City Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
25-1125	History Teachers, Postsecondary	50	70	20	40.0	0
25-1126	Philosophy & Religion Teachers, Postsecondary	20	30	10	50.0	0
25-1191	Graduate Teaching Assistants	20	30	10	50.0	0
25-1192	Home Economics Teachers, Postsecondary	20	20	0	0.0	0
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	50	60	10	20.0	0
25-1194	Vocational Education Teachers, Postsecondary	230	300	70	30.4	20
25-1199	Postsecondary Teachers, All Other	370	470	100	27.0	20
25-2011	Preschool Teachers, Except Special Education	630	770	140	22.2	20
25-2012	Kindergarten Teachers, Except Special Education	450	580	130	28.9	20
25-2021	Elementary School Teachers, Except Special Education	4,700	5,560	860	18.3	190
25-2022	Middle School Teachers, Except Special & Vocational Education	2,200	2,470	270	12.3	80
25-2023	Vocational Education Teachers, Middle School	50	60	10	20.0	0
25-2031	Secondary School Teachers, Except Special & Vocational Education	3,240	3,940	700	21.6	160
25-2032	Vocational Education Teachers, Secondary School	480	540	60	12.5	20
25-2041	Special Education Teachers, Preschool, Kindergarten, & Elementary School	660	880	220	33.3	40
25-2042	Special Education Teachers, Middle School	310	420	110	35.5	20
25-2043	Special Education Teachers, Secondary School	460	610	150	32.6	30
25-3011	Adult Literacy, Remedial Education, & GED Teachers & Instructors	180	220	40	22.2	0
25-3021	Self-Enrichment Education Teachers	370	480	110	29.7	20
25-3999	Teachers, Primary, Secondary, & Adult, All Other	1,680	2,410	730	43.5	90
25-4010	Archivists, Curators, & Museum Technicians	50	50	0	0.0	0
25-4021	Librarians	430	470	40	9.3	10
25-4031	Library Technicians	280	340	60	21.4	20
25-9011	Audio-Visual Collections Specialists	10	10	0	0.0	0
25-9021	Farm & Home Management Advisors	40	50	10	25.0	0
25-9031	Instructional Coordinators	270	340	70	25.9	10
25-9041	Teacher Assistants	1,350	1,660	310	23.0	60
25-9199	Library, Museum, Training, & Other Education Workers, All Other	40	40	0	0.0	0
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, &amp; Media Occupations</b>	<b>6,460</b>	<b>7,510</b>	<b>1,050</b>	<b>16.3</b>	<b>230</b>
27-1011	Art Directors	100	110	10	10.0	0
27-1013	Fine Artists, Including Painters, Sculptors, & Illustrators	30	30	0	0.0	0
27-1014	Multi-Media Artists & Animators	140	160	20	14.3	0
27-1021	Commercial & Industrial Designers	90	110	20	22.2	0
27-1022	Fashion Designers	10	20	10	100.0	0
27-1023	Floral Designers	380	420	40	10.5	10
27-1024	Graphic Designers	640	780	140	21.9	20
27-1025	Interior Designers	190	240	50	26.3	10
27-1026	Merchandise Displayers & Window Trimmers	230	270	40	17.4	0
27-1027	Set & Exhibit Designers	10	10	0	0.0	0
27-1099	Art & Design Workers, All Other	230	250	20	8.7	0
27-2011	Actors	40	40	0	0.0	0
27-2012	Producers & Directors	120	130	10	8.3	0
27-2021	Athletes & Sports Competitors	20	30	10	50.0	0
27-2022	Coaches & Scouts	700	850	150	21.4	30
27-2023	Umpires, Referees, & Other Sports Officials	90	110	20	22.2	0

**Kansas City Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
27-2031	Dancers	30	30	0	0.0	0
27-2032	Choreographers	130	150	20	15.4	10
27-2041	Music Directors & Composers	150	170	20	13.3	0
27-2042	Musicians & Singers	410	490	80	19.5	20
27-2099	Entertainers & Performers, Sports & Related Workers, All Other	10	10	0	0.0	0
27-3010	Announcers	220	200	-20	-9.1	10
27-3020	News Analysts, Reporters & Correspondents	220	240	20	9.1	10
27-3031	Public Relations Specialists	700	900	200	28.6	30
27-3041	Editors	340	380	40	11.8	10
27-3042	Technical Writers	180	210	30	16.7	10
27-3043	Writers & Authors	320	350	30	9.4	10
27-3091	Interpreters & Translators	60	80	20	33.3	0
27-3099	Media & Communication Workers, All Other	90	100	10	11.1	0
27-4011	Audio & Video Equipment Technicians	60	80	20	33.3	0
27-4012	Broadcast Technicians	70	80	10	14.3	0
27-4013	Radio Operators	20	10	-10	-50.0	0
27-4014	Sound Engineering Technicians	20	20	0	0.0	0
27-4021	Photographers	280	310	30	10.7	10
27-4031	Camera Operators, Television, Video, & Motion Picture	40	40	0	0.0	0
27-4032	Film & Video Editors	30	30	0	0.0	0
27-4099	Media & Communication Equipment Workers, All Other	60	70	10	16.7	0
<b>29-0000</b>	<b>Healthcare Practitioners &amp; Technical Occupations</b>	<b>22,170</b>	<b>27,090</b>	<b>4,920</b>	<b>22.2</b>	<b>870</b>
29-1011	Chiropractors	180	200	20	11.1	0
29-1020	Dentists	410	410	0	0.0	10
29-1031	Dietitians & Nutritionists	120	140	20	16.7	0
29-1041	Optometrists	100	100	0	0.0	0
29-1051	Pharmacists	670	890	220	32.8	30
29-1061	Anesthesiologists	270	300	30	11.1	0
29-1062	Family & General Practitioners	670	720	50	7.5	20
29-1063	Internists, General	250	270	20	8.0	0
29-1064	Obstetricians & Gynecologists	160	170	10	6.3	0
29-1065	Pediatricians, General	210	220	10	4.8	0
29-1066	Psychiatrists	260	270	10	3.8	0
29-1067	Surgeons	580	620	40	6.9	10
29-1069	Physicians & Surgeons, All Other	280	300	20	7.1	0
29-1071	Physician Assistants	170	240	70	41.2	10
29-1081	Podiatrists	30	30	0	0.0	0
29-1111	Registered Nurses	7,860	9,990	2,130	27.1	370
29-1121	Audiologists	10	20	10	100.0	0
29-1122	Occupational Therapists	230	290	60	26.1	10
29-1123	Physical Therapists	310	390	80	25.8	10
29-1124	Radiation Therapists	30	40	10	33.3	0
29-1125	Recreational Therapists	50	50	0	0.0	0
29-1126	Respiratory Therapists	430	570	140	32.6	20
29-1127	Speech-Language Pathologists	280	350	70	25.0	20
29-1131	Veterinarians	380	430	50	13.2	20
29-1199	Health Diagnosing & Treating Practitioners, All Other	210	260	50	23.8	20
29-2011	Medical & Clinical Laboratory Technologists	750	930	180	24.0	40
29-2012	Medical & Clinical Laboratory Technician	700	840	140	20.0	30
29-2021	Dental Hygienists	500	660	160	32.0	20

**Kansas City Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
29-2031	Cardiovascular Technologists & Technicians	160	220	60	37.5	10
29-2032	Diagnostic Medical Sonographers	140	170	30	21.4	0
29-2033	Nuclear Medicine Technologists	40	50	10	25.0	0
29-2034	Radiologic Technologists & Technicians	540	660	120	22.2	20
29-2041	Emergency Medical Technicians & Paramedics	650	760	110	16.9	20
29-2051	Dietetic Technicians	80	100	20	25.0	0
29-2052	Pharmacy Technicians	640	830	190	29.7	30
29-2053	Psychiatric Technicians	80	80	0	0.0	0
29-2054	Respiratory Therapy Technicians	70	90	20	28.6	0
29-2055	Surgical Technologists	210	270	60	28.6	10
29-2056	Veterinary Technologists & Technicians	190	270	80	42.1	10
29-2061	Licensed Practical & Licensed Vocational Nurses	1,920	2,180	260	13.5	70
29-2071	Medical Records & Health Information Technicians	620	890	270	43.5	40
29-2081	Opticians, Dispensing	260	270	10	3.8	10
29-2091	Orthotists & Prosthetists	10	10	0	0.0	0
29-9010	Occupational Health & Safety Specialists & Technicians	80	90	10	12.5	0
29-9091	Athletic Trainers	90	90	0	0.0	0
29-9199	Health Professionals & Technicians, All Other	290	360	70	24.1	20
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>10,330</b>	<b>13,140</b>	<b>2,810</b>	<b>27.2</b>	<b>450</b>
31-1011	Home Health Aides	830	1,030	200	24.1	30
31-1012	Nursing Aides, Orderlies, & Attendants	5,290	6,620	1,330	25.1	200
31-1013	Psychiatric Aides	390	470	80	20.5	20
31-2011	Occupational Therapist Assistants	40	60	20	50.0	0
31-2012	Occupational Therapist Aides	10	10	0	0.0	0
31-2021	Physical Therapist Assistants	210	290	80	38.1	10
31-2022	Physical Therapist Aides	100	130	30	30.0	0
31-9011	Massage Therapists	120	140	20	16.7	0
31-9091	Dental Assistants	960	1,280	320	33.3	60
31-9092	Medical Assistants	850	1,260	410	48.2	60
31-9093	Medical Equipment Preparers	230	290	60	26.1	10
31-9094	Medical Transcriptionists	350	410	60	17.1	20
31-9095	Pharmacy Aides	160	190	30	18.8	0
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	420	530	110	26.2	20
31-9099	Healthcare Support Workers, All Other	370	430	60	16.2	20
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>5,830</b>	<b>6,820</b>	<b>990</b>	<b>17.0</b>	<b>260</b>
33-1011	First-Line Supervisors/Managers of Correctional Officers	60	60	0	0.0	0
33-1012	First-Line Supervisors/Managers of Police & Detectives	290	330	40	13.8	10
33-1021	First-Line Supervisors/Managers of Fire Fighting & Prevention Workers	140	160	20	14.3	10
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	120	150	30	25.0	0
33-2011	Fire Fighters	600	690	90	15.0	30
33-2021	Fire Inspectors & Investigators	10	10	0	0.0	0
33-3011	Bailiffs	10	10	0	0.0	0
33-3012	Correctional Officers & Jailers	820	920	100	12.2	30
33-3021	Detectives & Criminal Investigators	140	150	10	7.1	0
33-3041	Parking Enforcement Workers	10	10	0	0.0	0
33-3051	Police & Sheriff's Patrol Officers	1,160	1,320	160	13.8	50
33-3052	Transit & Railroad Police	10	10	0	0.0	0
33-9011	Animal Control Workers	50	50	0	0.0	0
33-9021	Private Detectives & Investigators	100	110	10	10.0	0



**Kansas City Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
33-9031	Gaming Surveillance Officers & Gaming Investigators	10	10	0	0.0	0
33-9032	Security Guards	1,720	2,160	440	25.6	80
33-9091	Crossing Guards	110	140	30	27.3	0
33-9099	Protective Service Workers, All Other	470	530	60	12.8	40
<b>35-0000</b>	<b>Food Preparation &amp; Serving Related Occupations</b>	<b>30,410</b>	<b>35,650</b>	<b>5,240</b>	<b>17.2</b>	<b>1,740</b>
35-1011	Chefs & Head Cooks	330	390	60	18.2	20
35-1012	First-Line Supervisors/Managers of Food Preparation & Serving Workers	2,410	2,870	460	19.1	110
35-2011	Cooks, Fast Food	2,100	2,300	200	9.5	90
35-2012	Cooks, Institution & Cafeteria	1,990	2,010	20	1.0	60
35-2013	Cooks, Private Household	10	10	0	0.0	0
35-2014	Cooks, Restaurant	2,130	2,530	400	18.8	110
35-2015	Cooks, Short Order	860	950	90	10.5	40
35-2021	Food Preparation Workers	2,570	3,120	550	21.4	150
35-3011	Bartenders	1,130	1,240	110	9.7	60
35-3021	Combined Food Preparation & Serving Workers, Including Fast Food	5,550	6,980	1,430	25.8	380
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee Shop	1,200	1,370	170	14.2	100
35-3031	Waiters & Waitresses	6,590	7,850	1,260	19.1	470
35-3041	Food Servers, Nonrestaurant	520	570	50	9.6	30
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	680	790	110	16.2	30
35-9021	Dishwashers	1,200	1,310	110	9.2	50
35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	950	1,150	200	21.1	50
35-9099	Food Preparation & Serving Related Workers, All Other	190	210	20	10.5	10
<b>37-0000</b>	<b>Building &amp; Grounds Cleaning &amp; Maintenance Occupations</b>	<b>14,320</b>	<b>17,730</b>	<b>3,410</b>	<b>23.8</b>	<b>600</b>
37-1011	First-Line Supervisors/Managers of Housekeeping & Janitorial Workers	580	690	110	19.0	20
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, & Groundskeeping Workers	420	510	90	21.4	10
37-2011	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	6,920	8,560	1,640	23.7	290
37-2012	Maids & Housekeeping Cleaners	2,540	3,060	520	20.5	100
37-2021	Pest Control Workers	240	300	60	25.0	10
37-3011	Landscaping & Groundskeeping Workers	3,380	4,330	950	28.1	170
37-3012	Pesticide Handlers, Sprayers, & Applicators, Vegetation	150	170	20	13.3	0
37-3013	Tree Trimmers & Pruners	30	40	10	33.3	0
37-9099	Building & Grounds Cleaning & Maintenance Workers, All Other	60	70	10	16.7	0
<b>39-0000</b>	<b>Personal Care &amp; Service Occupations</b>	<b>13,120</b>	<b>15,300</b>	<b>2,180</b>	<b>16.6</b>	<b>510</b>
39-1011	Gaming Supervisors	10	10	0	0.0	0
39-1012	Slot Key Persons	20	30	10	50.0	0
39-1021	First-Line Supervisors/Managers of Personal Service Workers	610	690	80	13.1	30
39-2011	Animal Trainers	20	20	0	0.0	0
39-2021	Nonfarm Animal Caretakers	370	450	80	21.6	20
39-3011	Gaming Dealers	20	30	10	50.0	0
39-3012	Gaming & Sports Book Writers & Runners	70	90	20	28.6	0
39-3021	Motion Picture Projectionists	40	30	-10	-25.0	0

**Kansas City Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
39-3031	Ushers, Lobby Attendants, & Ticket Takers	440	470	30	6.8	30
39-3091	Amusement & Recreation Attendants	580	700	120	20.7	30
39-3093	Locker Room, Coatroom, & Dressing Room Attendants	110	140	30	27.3	0
39-3199	Gaming Workers, All Other	140	170	30	21.4	0
39-4011	Embalmers	210	210	0	0.0	0
39-4021	Funeral Attendants	40	50	10	25.0	0
39-5011	Barbers	360	370	10	2.8	10
39-5012	Hairdressers, Hairstylists, & Cosmetologists	2,930	3,190	260	8.9	90
39-5092	Manicurists & Pedicurists	180	210	30	16.7	0
39-5093	Shampooers	90	100	10	11.1	0
39-5094	Skin Care Specialists	160	170	10	6.3	0
39-6011	Baggage Porters & Bellhops	30	30	0	0.0	0
39-6012	Concierges	10	10	0	0.0	0
39-6021	Tour Guides & Escorts	20	20	0	0.0	0
39-6031	Flight Attendants	10	10	0	0.0	0
39-6032	Transportation Attendants, Except Flight Attendants & Baggage Porters	140	170	30	21.4	0
39-9011	Child Care Workers	3,070	3,600	530	17.3	130
39-9021	Personal & Home Care Aides	2,240	2,780	540	24.1	90
39-9031	Fitness Trainers & Aerobics Instructors	590	810	220	37.3	30
39-9032	Recreation Workers	480	570	90	18.8	20
39-9041	Residential Advisors	30	40	10	33.3	0
39-9099	Personal Care & Service Workers, All Other	100	120	20	20.0	0
<b>41-0000</b>	<b>Sales &amp; Related Occupations</b>	<b>53,970</b>	<b>61,200</b>	<b>7,230</b>	<b>13.4</b>	<b>2,380</b>
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	4,640	5,330	690	14.9	150
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	1,720	2,000	280	16.3	60
41-2011	Cashiers	9,820	11,370	1,550	15.8	640
41-2012	Gaming Change Persons & Booth Cashiers	20	20	0	0.0	0
41-2021	Counter & Rental Clerks	1,700	2,130	430	25.3	110
41-2022	Parts Salespersons	810	790	-20	-2.5	20
41-2031	Retail Salespersons	14,180	16,130	1,950	13.8	720
41-3011	Advertising Sales Agents	570	690	120	21.1	20
41-3021	Insurance Sales Agents	4,730	4,900	170	3.6	130
41-3031	Securities, Commodities, & Financial Services Sales Agents	730	760	30	4.1	10
41-3041	Travel Agents	160	190	30	18.8	0
41-4011	Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	1,570	1,780	210	13.4	60
41-4012	Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	5,480	6,400	920	16.8	230
41-9011	Demonstrators & Product Promoters	320	410	90	28.1	20
41-9021	Real Estate Brokers	670	710	40	6.0	10
41-9022	Real Estate Sales Agents	1,800	1,860	60	3.3	50
41-9031	Sales Engineers	240	280	40	16.7	10
41-9041	Telemarketers	2,060	2,170	110	5.3	40
41-9091	Door-To-Door Sales Workers, News & Street Vendors, & Related Workers	150	160	10	6.7	0
41-9099	Sales & Related Workers, All Other	2,600	3,120	520	20.0	100

**Kansas City Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
<b>43-0000</b>	<b>Office &amp; Administrative Support Occupations</b>	<b>74,770</b>	<b>80,280</b>	<b>5,510</b>	<b>7.4</b>	<b>2,270</b>
43-1011	First-Line Supervisors/Managers of Office & Administrative Support Workers	5,080	5,360	280	5.5	140
43-2011	Switchboard Operators, Including Answering Service	700	710	10	1.4	20
43-2021	Telephone Operators	60	30	-30	-50.0	0
43-2099	Communications Equipment Operators, All Other	20	20	0	0.0	0
43-3011	Bill & Account Collectors	1,390	1,870	480	34.5	80
43-3021	Billing & Posting Clerks & Machine Operators	1,910	1,980	70	3.7	40
43-3031	Bookkeeping, Accounting, & Auditing Clerks	7,020	7,350	330	4.7	160
43-3041	Gaming Cage Workers	10	10	0	0.0	0
43-3051	Payroll & Timekeeping Clerks	630	670	40	6.3	20
43-3061	Procurement Clerks	270	250	-20	-7.4	10
43-3071	Tellers	1,840	1,990	150	8.2	110
43-4011	Brokerage Clerks	70	60	-10	-14.3	0
43-4021	Correspondence Clerks	120	110	-10	-8.3	0
43-4031	Court, Municipal, & License Clerks	210	220	10	4.8	10
43-4041	Credit Authorizers, Checkers, & Clerks	230	210	-20	-8.7	0
43-4051	Customer Service Representatives	7,200	8,770	1,570	21.8	270
43-4061	Eligibility Interviewers, Government Programs	90	100	10	11.1	0
43-4071	File Clerks	830	810	-20	-2.4	30
43-4081	Hotel, Motel, & Resort Desk Clerks	380	480	100	26.3	30
43-4111	Interviewers, Except Eligibility & Loan	630	830	200	31.7	40
43-4121	Library Assistants, Clerical	330	380	50	15.2	20
43-4131	Loan Interviewers & Clerks	610	500	-110	-18.0	10
43-4141	New Accounts Clerks	320	350	30	9.4	10
43-4151	Order Clerks	1,310	1,190	-120	-9.2	30
43-4161	Human Resources Assistants, Except Payroll & Timekeeping	480	560	80	16.7	20
43-4171	Receptionists & Information Clerks	3,220	4,030	810	25.2	160
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	380	550	170	44.7	30
43-4999	Financial, Information, & Record Clerks, All Other	1,030	1,010	-20	-1.9	20
43-5011	Cargo & Freight Agents	420	470	50	11.9	20
43-5021	Couriers & Messengers	570	580	10	1.8	10
43-5031	Police, Fire, & Ambulance Dispatchers	260	300	40	15.4	10
43-5032	Dispatchers, Except Police, Fire, & Ambulance	510	570	60	11.8	20
43-5041	Meter Readers, Utilities	130	130	0	0.0	0
43-5051	Postal Service Clerks	220	270	50	22.7	20
43-5052	Postal Service Mail Carriers	1,040	1,300	260	25.0	60
43-5053	Postal Service Mail Sorters, Processors, & Processing Machine Operators	510	570	60	11.8	20
43-5061	Production, Planning, & Expediting Clerks	790	920	130	16.5	30
43-5071	Shipping, Receiving, & Traffic Clerks	2,600	2,660	60	2.3	60
43-5081	Stock Clerks & Order Fillers	5,320	5,140	-180	-3.4	200
43-5111	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	210	250	40	19.0	10
43-5199	Material Recording, Scheduling, Dispatching, & Distributing Workers, All Other	40	40	0	0.0	0
43-6011	Executive Secretaries & Administrative Assistants	4,750	5,050	300	6.3	120
43-6012	Legal Secretaries	490	630	140	28.6	20
43-6013	Medical Secretaries	720	790	70	9.7	20
43-6014	Secretaries, Except Legal, Medical, & Executive	5,580	5,490	-90	-1.6	110

**Kansas City Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
43-9011	Computer Operators	570	460	-110	-19.3	10
43-9021	Data Entry Keyers	1,390	1,280	-110	-7.9	30
43-9022	Word Processors & Typists	330	220	-110	-33.3	10
43-9031	Desktop Publishers	140	180	40	28.6	0
43-9041	Insurance Claims & Policy Processing Clerks	1,050	1,060	10	1.0	20
43-9051	Mail Clerks & Mail Machine Operators, Except Postal Service	610	610	0	0.0	20
43-9061	Office Clerks, General	8,980	9,790	810	9.0	280
43-9071	Office Machine Operators, Except Computer	310	310	0	0.0	10
43-9081	Proofreaders & Copy Markers	70	60	-10	-14.3	0
43-9111	Statistical Assistants	30	30	0	0.0	0
43-9999	Secretaries, Administrative Assistants, & Other Office Support Workers, All Other	760	720	-40	-5.3	20
<b>45-0000</b>	<b>Farming, Fishing, &amp; Forestry Occupations</b>	<b>760</b>	<b>860</b>	<b>100</b>	<b>13.2</b>	<b>20</b>
45-1011	First-Line Supervisors/Managers of Farming, Fishing, & Forestry Workers	30	40	10	33.3	0
45-2011	Agricultural Inspectors	40	40	0	0.0	0
45-2041	Graders & Sorters, Agricultural Products	90	100	10	11.1	0
45-2091	Agricultural Equipment Operators	140	170	30	21.4	0
45-2092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	320	360	40	12.5	10
45-2093	Farmworkers, Farm & Ranch Animals	80	90	10	12.5	0
45-3011	Fishers & Related Fishing Workers	10	10	0	0.0	0
45-9099	Farming, Fishing, & Forestry Workers, All Other	50	50	0	0.0	0
<b>47-0000</b>	<b>Construction &amp; Extraction Occupations</b>	<b>21,120</b>	<b>25,440</b>	<b>4,320</b>	<b>20.5</b>	<b>810</b>
47-1011	First-Line Supervisors/Managers of Construction Trades & Extraction Workers	2,370	2,800	430	18.1	80
47-2011	Boilermakers	30	40	10	33.3	0
47-2021	Brickmasons & Blockmasons	200	240	40	20.0	0
47-2022	Stonemasons	80	90	10	12.5	0
47-2031	Carpenters	3,100	3,710	610	19.7	110
47-2041	Carpet Installers	330	380	50	15.2	20
47-2042	Floor Layers, Except Carpet, Wood, & Hard Tiles	90	100	10	11.1	0
47-2043	Floor Sanders & Finishers	10	10	0	0.0	0
47-2044	Tile & Marble Setters	230	300	70	30.4	10
47-2051	Cement Masons & Concrete Finishers	640	830	190	29.7	30
47-2061	Construction Laborers	2,840	3,510	670	23.6	110
47-2071	Paving, Surfacing, & Tamping Equipment Operators	200	240	40	20.0	0
47-2073	Operating Engineers & Other Construction Equipment Operators	1,510	1,750	240	15.9	60
47-2081	Drywall & Ceiling Tile Installers	230	300	70	30.4	20
47-2082	Tapers	80	110	30	37.5	0
47-2111	Electricians	1,590	2,000	410	25.8	70
47-2121	Glaziers	140	170	30	21.4	0
47-2130	Insulation Workers	250	310	60	24.0	20
47-2141	Painters, Construction & Maintenance	1,180	1,380	200	16.9	40
47-2142	Paperhangers	40	40	0	0.0	0
47-2151	Pipelayers	140	170	30	21.4	0
47-2152	Plumbers, Pipefitters, & Steamfitters	1,750	2,060	310	17.7	70
47-2161	Plasterers & Stucco Masons	140	170	30	21.4	0
47-2171	Reinforcing Iron & Rebar Workers	60	70	10	16.7	0
47-2181	Roofers	500	590	90	18.0	20

**Kansas City Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
47-2211	Sheet Metal Workers	570	680	110	19.3	20
47-2221	Structural Iron & Steel Workers	110	130	20	18.2	0
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, & Tile & Marble Setters	260	280	20	7.7	10
47-3012	Helpers--Carpenters	390	470	80	20.5	30
47-3013	Helpers--Electricians	250	290	40	16.0	10
47-3014	Helpers--Painters, Paperhangers, Plasterers, & Stucco Masons	100	130	30	30.0	0
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, & Steamfitters	290	310	20	6.9	10
47-3016	Helpers--Roofers	90	110	20	22.2	0
47-3019	Helpers, Construction Trades, All Other	130	170	40	30.8	10
47-4011	Construction & Building Inspectors	170	230	60	35.3	10
47-4021	Elevator Installers & Repairers	40	40	0	0.0	0
47-4031	Fence Erectors	40	40	0	0.0	0
47-4041	Hazardous Materials Removal Workers	160	230	70	43.8	10
47-4051	Highway Maintenance Workers	300	350	50	16.7	10
47-4061	Rail-Track Laying & Maintenance Equipment Operators	90	110	20	22.2	0
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	40	50	10	25.0	0
47-4999	Construction Trades & Related Workers, All Other	90	110	20	22.2	0
47-5011	Derrick Operators, Oil & Gas	10	10	0	0.0	0
47-5012	Rotary Drill Operators, Oil & Gas	40	50	10	25.0	0
47-5013	Service Unit Operators, Oil, Gas, & Mining	30	40	10	33.3	0
47-5021	Earth Drillers, Except Oil & Gas	30	40	10	33.3	0
47-5041	Continuous Mining Machine Operators	10	10	0	0.0	0
47-5042	Mine Cutting & Channeling Machine Operators	10	20	10	100.0	0
47-5051	Rock Splitters, Quarry	20	20	0	0.0	0
47-5071	Roustabouts, Oil & Gas	40	50	10	25.0	0
47-5081	Helpers--Extraction Workers	70	80	10	14.3	0
47-5099	Extraction Workers, All Other	10	20	10	100.0	0
<b>49-0000</b>	<b>Installation, Maintenance, &amp; Repair Occupations</b>	<b>18,490</b>	<b>21,110</b>	<b>2,620</b>	<b>14.2</b>	<b>610</b>
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, & Repairers	1,620	1,890	270	16.7	70
49-2011	Computer, Automated Teller, & Office Machine Repairers	790	860	70	8.9	20
49-2021	Radio Mechanics	30	20	-10	-33.3	0
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	1,530	1,460	-70	-4.6	30
49-2091	Avionics Technicians	160	180	20	12.5	0
49-2092	Electric Motor, Power Tool, & Related Repairers	120	130	10	8.3	0
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	70	80	10	14.3	0
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	210	240	30	14.3	10
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation, & Relay	30	30	0	0.0	0
49-2096	Electronic Equipment Installers & Repairers, Motor Vehicles	20	20	0	0.0	0
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	210	230	20	9.5	0
49-2098	Security & Fire Alarm Systems Installers	90	110	20	22.2	0
49-3011	Aircraft Mechanics & Service Technicians	180	180	0	0.0	0
49-3021	Automotive Body & Related Repairers	660	770	110	16.7	20

**Kansas City Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
49-3022	Automotive Glass Installers & Repairers	50	50	0	0.0	0
49-3023	Automotive Service Technicians & Mechanics	2,210	2,510	300	13.6	90
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	1,290	1,500	210	16.3	50
49-3041	Farm Equipment Mechanics	170	190	20	11.8	0
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	410	450	40	9.8	10
49-3043	Rail Car Repairers	150	180	30	20.0	0
49-3051	Motorboat Mechanics	10	20	10	100.0	0
49-3052	Motorcycle Mechanics	50	50	0	0.0	0
49-3053	Outdoor Power Equipment & Other Small Engine	70	80	10	14.3	0
49-3091	Bicycle Repairers	70	80	10	14.3	0
49-3092	Recreational Vehicle Service Technicians	20	20	0	0.0	0
49-3093	Tire Repairers & Changers	460	500	40	8.7	20
49-3099	Vehicle & Mobile Equipment Mechanics, Installers, & Repairers, All Other	10	10	0	0.0	0
49-9011	Mechanical Door Repairers	70	80	10	14.3	0
49-9012	Control & Valve Installers & Repairers, Except Mechanical Door	130	160	30	23.1	0
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	780	1,030	250	32.1	40
49-9031	Home Appliance Repairers	190	190	0	0.0	0
49-9041	Industrial Machinery Mechanics	580	670	90	15.5	20
49-9042	Maintenance & Repair Workers, General	3,260	3,910	650	19.9	130
49-9043	Maintenance Workers, Machinery	180	210	30	16.7	0
49-9044	Millwrights	170	200	30	17.6	0
49-9051	Electrical Power-Line Installers & Repairers	380	460	80	21.1	20
49-9052	Telecommunications Line Installers & Repairers	860	920	60	7.0	30
49-9061	Camera & Photographic Equipment Repairers	10	10	0	0.0	0
49-9062	Medical Equipment Repairers	40	50	10	25.0	0
49-9063	Musical Instrument Repairers & Tuners	30	40	10	33.3	0
49-9064	Watch Repairers	10	10	0	0.0	0
49-9069	Precision Instrument & Equipment Repairers, All Other	70	80	10	14.3	0
49-9091	Coin, Vending, & Amusement Machine Servicers & Repairers	160	190	30	18.8	0
49-9094	Locksmiths & Safe Repairers	50	60	10	20.0	0
49-9095	Manufactured Building & Mobile Home Installers	70	80	10	14.3	0
49-9096	Riggers	40	50	10	25.0	0
49-9097	Signal & Track Switch Repairers	50	60	10	20.0	0
49-9098	Helpers--Installation, Maintenance, & Repair Workers	340	410	70	20.6	20
49-9099	Installation, Maintenance, & Repair Workers, All Other	330	390	60	18.2	20
<b>51-0000</b>	<b>Production Occupations</b>	<b>27,460</b>	<b>29,710</b>	<b>2,250</b>	<b>8.2</b>	<b>850</b>
51-1011	First-Line Supervisors/Managers of Production & Operating Workers	1,960	2,230	270	13.8	70
51-2011	Aircraft Structure, Surfaces, Rigging, & Systems Assemblers	40	40	0	0.0	0
51-2021	Coil Winders, Tapers, & Finishers	50	40	-10	-20.0	0
51-2022	Electrical & Electronic Equipment Assemblers	1,140	1,030	-110	-9.6	30
51-2023	Electromechanical Equipment Assemblers	50	50	0	0.0	0
51-2031	Engine & Other Machine Assemblers	1,740	1,750	10	0.6	50
51-2041	Structural Metal Fabricators & Fitters	200	210	10	5.0	10
51-2091	Fiberglass Laminators & Fabricators	30	30	0	0.0	0
51-2092	Team Assemblers	3,340	3,460	120	3.6	100

**Kansas City Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
51-2093	Timing Device Assemblers, Adjusters, & Calibrators	10	10	0	0.0	0
51-2099	Assemblers & Fabricators, All Other	380	370	-10	-2.6	10
51-3011	Bakers	350	410	60	17.1	20
51-3021	Butchers & Meat Cutters	260	260	0	0.0	10
51-3022	Meat, Poultry, & Fish Cutters & Trimmers	220	240	20	9.1	10
51-3023	Slaughterers & Meat Packers	170	180	10	5.9	0
51-3091	Food & Tobacco Roasting, Baking, & Drying Machine Operators & Tenders	50	50	0	0.0	0
51-3092	Food Batchmakers	270	300	30	11.1	10
51-3093	Food Cooking Machine Operators & Tenders	90	110	20	22.2	0
51-3099	Food Processing Workers, All Other	50	60	10	20.0	0
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	450	520	70	15.6	20
51-4012	Numerical Tool & Process Control Programmers	30	30	0	0.0	0
51-4021	Extruding & Drawing Machine Setters, Operators, & Tenders, Metal & Plastic	130	140	10	7.7	10
51-4022	Forging Machine Setters, Operators, & Tenders, Metal & Plastic	60	60	0	0.0	0
51-4023	Rolling Machine Setters, Operators, & Tenders, Metal & Plastic	50	50	0	0.0	0
51-4031	Cutting, Punching, & Press Machine Setters, Operators, & Tenders, Metal & Plastic	440	480	40	9.1	10
51-4032	Drilling & Boring Machine Tool Setters, Operators, & Tenders, Metal & Plastic	70	70	0	0.0	0
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool	130	130	0	0.0	0
51-4034	Lathe & Turning Machine Tool Setters, Operators, & Tenders, Metal & Plastic	100	100	0	0.0	0
51-4035	Milling & Planing Machine Setters, Operators, & Tenders, Metal & Plastic	50	50	0	0.0	0
51-4041	Machinists	800	900	100	12.5	30
51-4051	Metal-Refining Furnace Operators & Tenders	10	20	10	100.0	0
51-4052	Pourers & Casters, Metal	10	10	0	0.0	0
51-4061	Model Makers, Metal & Plastic	10	10	0	0.0	0
51-4062	Patternmakers, Metal & Plastic	10	10	0	0.0	0
51-4071	Foundry Mold & Coremakers	20	20	0	0.0	0
51-4072	Molding, Coremaking, & Casting Machine Setters, Operators, & Tenders, Metal & Plastic	220	220	0	0.0	10
51-4081	Multiple Machine Tool Setters, Operators, & Tenders, Metal & Plastic	120	130	10	8.3	0
51-4111	Tool & Die Makers	140	150	10	7.1	0
51-4121	Welders, Cutters, Solderers, & Brazers	1,000	1,160	160	16.0	50
51-4122	Welding, Soldering, & Brazing Machine Setters, Operators, & Tenders	30	40	10	33.3	0
51-4191	Heat Treating Equipment Setters, Operators, & Tenders, Metal & Plastic	20	20	0	0.0	0
51-4192	Lay-Out Workers, Metal & Plastic	20	20	0	0.0	0
51-4193	Plating & Coating Machine Setters, Operators, & Tenders, Metal & Plastic	60	60	0	0.0	0
51-4194	Tool Grinders, Filers, & Sharpeners	40	30	-10	-25.0	0
51-4199	Metal Workers & Plastic Workers, All Other	80	80	0	0.0	0
51-5011	Bindery Workers	420	380	-40	-9.5	10
51-5012	Bookbinders	40	40	0	0.0	0

**Kansas City Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
51-5021	Job Printers	260	290	30	11.5	10
51-5022	Prepress Technicians & Workers	420	390	-30	-7.1	10
51-5023	Printing Machine Operators	960	1,050	90	9.4	30
51-5099	Printing Workers, All Other	70	80	10	14.3	0
51-6011	Laundry & Dry-Cleaning Workers	690	820	130	18.8	30
51-6021	Pressers, Textile, Garment, & Related Materials	190	230	40	21.1	0
51-6031	Sewing Machine Operators	650	740	90	13.8	20
51-6041	Shoe & Leather Workers & Repairers	10	10	0	0.0	0
51-6051	Sewers, Hand	30	30	0	0.0	0
51-6052	Tailors, Dressmakers, & Custom Sewers	110	120	10	9.1	0
51-6062	Textile Cutting Machine Setters, Operators, & Tenders	40	40	0	0.0	0
51-6063	Textile Knitting & Weaving Machine Setters, Operators, & Tenders	10	10	0	0.0	0
51-6064	Textile Winding, Twisting, & Drawing Out Machine Setters, Operators, & Tenders	20	20	0	0.0	0
51-6091	Extruding & Forming Machine Setters, Operators, & Tenders, Synthetic & Glass Fibers	50	50	0	0.0	0
51-6092	Fabric & Apparel Patternmakers	30	40	10	33.3	0
51-6093	Upholsterers	60	50	-10	-16.7	0
51-6099	Textile, Apparel, & Furnishings Workers, All Other	90	120	30	33.3	0
51-7011	Cabinetmakers & Bench Carpenters	200	220	20	10.0	10
51-7021	Furniture Finishers	60	70	10	16.7	0
51-7032	Patternmakers, Wood	10	10	0	0.0	0
51-7041	Sawing Machine Setters, Operators, & Tenders, Wood	50	50	0	0.0	0
51-7042	Woodworking Machine Setters, Operators, & Tenders, Except Sawing	140	130	-10	-7.1	0
51-7099	Woodworkers, All Other	10	10	0	0.0	0
51-8012	Power Distributors & Dispatchers	20	20	0	0.0	0
51-8013	Power Plant Operators	100	110	10	10.0	0
51-8021	Stationary Engineers & Boiler Operators	60	70	10	16.7	0
51-8031	Water & Liquid Waste Treatment Plant & System	240	280	40	16.7	10
51-8091	Chemical Plant & System Operators	90	100	10	11.1	0
51-8092	Gas Plant Operators	40	50	10	25.0	0
51-8093	Petroleum Pump System Operators, Refinery Operators, & Gaugers	90	100	10	11.1	0
51-8099	Plant & System Operators, All Other	60	70	10	16.7	0
51-9011	Chemical Equipment Operators & Tenders	70	80	10	14.3	0
51-9012	Separating, Filtering, Clarifying, Precipitating, & Still Machine Setters, Operators, & Tenders	110	130	20	18.2	0
51-9021	Crushing, Grinding, & Polishing Machine Setters, Operators, & Tenders	90	90	0	0.0	0
51-9022	Grinding & Polishing Workers, Hand	80	90	10	12.5	0
51-9023	Mixing & Blending Machine Setters, Operators, & Tenders	340	340	0	0.0	10
51-9031	Cutters & Trimmers, Hand	50	60	10	20.0	0
51-9032	Cutting & Slicing Machine Setters, Operators, & Tenders	210	250	40	19.0	0
51-9041	Extruding, Forming, Pressing, & Compacting Machine Setters, Operators, & Tenders	130	130	0	0.0	0
51-9051	Furnace, Kiln, Oven, Drier, & Kettle Operators & Tenders	40	40	0	0.0	0
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	1,200	1,360	160	13.3	50
51-9071	Jewelers & Precious Stone & Metal Workers	60	70	10	16.7	0
51-9081	Dental Laboratory Technicians	330	340	10	3.0	10
51-9082	Medical Appliance Technicians	30	40	10	33.3	0



**Kansas City Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
51-9083	Ophthalmic Laboratory Technicians	110	110	0	0.0	0
51-9111	Packaging & Filling Machine Operators & Tenders	1,340	1,640	300	22.4	60
51-9121	Coating, Painting, & Spraying Machine Setters, Operators, & Tenders	260	280	20	7.7	10
51-9122	Painters, Transportation Equipment	110	140	30	27.3	0
51-9123	Painting, Coating, & Decorating Workers	50	60	10	20.0	0
51-9131	Photographic Process Workers	90	100	10	11.1	0
51-9132	Photographic Processing Machine Operators	240	260	20	8.3	10
51-9191	Cementing & Gluing Machine Operators & Tenders	120	120	0	0.0	0
51-9192	Cleaning, Washing, & Metal Pickling Equipment Operators & Tenders	20	20	0	0.0	0
51-9193	Cooling & Freezing Equipment Operators & Tenders	10	10	0	0.0	0
51-9194	Etchers & Engravers	40	40	0	0.0	0
51-9195	Molders, Shapers, & Casters, Except Metal & Plastic	30	30	0	0.0	0
51-9196	Paper Goods Machine Setters, Operators, & Tenders	460	510	50	10.9	20
51-9197	Tire Builders	30	40	10	33.3	0
51-9198	Helpers--Production Workers	1,220	1,290	70	5.7	40
51-9199	Production Workers, All Other	770	900	130	16.9	30
<b>53-0000</b>	<b>Transportation &amp; Material Moving Occupations</b>	<b>35,520</b>	<b>40,350</b>	<b>4,830</b>	<b>13.6</b>	<b>1,230</b>
53-1011	Aircraft Cargo Handling Supervisors	10	10	0	0.0	0
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand	690	800	110	15.9	30
53-1031	First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators	870	990	120	13.8	30
53-2011	Airline Pilots, Copilots, & Flight Engineers					
	Air Traffic Controllers	200	180	-20	-10.0	10
53-3011	Ambulance Drivers & Attendants, Except Emergency Medical Technicians	20	30	10	50.0	0
53-3021	Bus Drivers, Transit & Intercity	130	160	30	23.1	0
53-3022	Bus Drivers, School	2,140	2,490	350	16.4	90
53-3031	Driver/Sales Workers	1,720	1,830	110	6.4	40
53-3032	Truck Drivers, Heavy & Tractor-Trailer	8,790	10,510	1,720	19.6	310
53-3033	Truck Drivers, Light or Delivery Services	3,700	4,430	730	19.7	100
53-3041	Taxi Drivers & Chauffeurs	320	370	50	15.6	10
53-3099	Motor Vehicle Operators, All Other	260	300	40	15.4	0
53-4011	Locomotive Engineers	250	310	60	24.0	20
53-4012	Locomotive Firers	10	10	0	0.0	0
53-4013	Rail Yard Engineers, Dinkey Operators, & Hostlers	20	20	0	0.0	0
53-4021	Railroad Brake, Signal, & Switch Operators	190	190	0	0.0	0
53-4031	Railroad Conductors & Yardmasters	210	270	60	28.6	20
53-4099	Rail Transportation Workers, All Other	20	20	0	0.0	0
53-6021	Parking Lot Attendants	40	40	0	0.0	0
53-6031	Service Station Attendants	320	360	40	12.5	20
53-6041	Traffic Technicians	20	30	10	50.0	0
53-6051	Transportation Inspectors	80	80	0	0.0	0
53-6099	Transportation Workers, All Other	40	40	0	0.0	0
53-7011	Conveyor Operators & Tenders	100	110	10	10.0	0
53-7021	Crane & Tower Operators	90	110	20	22.2	0
53-7031	Dredge Operators	10	10	0	0.0	0
53-7032	Excavating & Loading Machine & Dragline Operators	120	150	30	25.0	0

**Kansas City Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
53-7041	Hoist & Winch Operators	20	30	10	50.0	0
53-7051	Industrial Truck & Tractor Operators	2,460	2,770	310	12.6	80
53-7061	Cleaners of Vehicles & Equipment	1,080	1,230	150	13.9	60
53-7062	Laborers & Freight, Stock, & Material Movers, Hand	7,300	7,520	220	3.0	260
53-7063	Machine Feeders & Offbearers	710	710	0	0.0	20
53-7064	Packers & Packagers, Hand	2,810	3,300	490	17.4	100
53-7071	Gas Compressor & Gas Pumping Station Operators	10	10	0	0.0	0
53-7072	Pump Operators, Except Wellhead Pumpers	10	10	0	0.0	0
53-7073	Wellhead Pumpers	50	60	10	20.0	0
53-7081	Refuse & Recyclable Material Collectors	480	620	140	29.2	20
53-7121	Tank Car, Truck, & Ship Loaders	20	20	0	0.0	0
53-7199	Material Moving Workers, All Other	140	150	10	7.1	0

Footnotes:

1 *Average Annual Employment* in the 2002 and 2012 columns may not add due to suppression and rounding.

2 The net employment increase and net replacements were calculated together to create *Total Annual Openings*. If net employment change is negative, job openings due to growth are zero and total job openings equal net replacements. Turnover rates are not included in this data. Total Annual Openings may not add due to suppression and rounding.

## **Northeast Region**

## Northeast Kansas Region Occupational Trends

In 2002, total occupational employment was 280,740 and is projected to reach 317,570 in 2012, or 13.1 percent growth over the period. In 2002, the largest major occupational group for the Northeast region was **Office and Administrative Support**, with an employment level of 43,190. The same occupational group is projected to be the largest in the year 2012, employing 46,010. The **Management** and **Sales and Related** occupational groups rank second and third, respectively, in employment size for both 2002 and 2012.

The **Education, Training and Library** occupational group is expected to have the largest numerical job growth, 4,400, followed by the **Sales and Related** occupational group with 3,720. Two occupational groups, **Education, Training and Library** and **Healthcare Support**, are estimated to experience the greatest percent growth, 24.5 and 24.3 percent respectively.

**Registered nurses** are projected to add 1,400 jobs to the **Healthcare Practitioners and Technical** occupational group and **nursing aides, orderlies and attendants** are projected to add 960 jobs to **Healthcare Support** occupations. **Food preparation workers** and **combined food preparation and service workers, including fast food** are estimated to grow a combined total of 1,460 jobs through 2012 in the service sector.

The most annual openings are expected in the **Sales and Related** occupational group. Annually, 1,300 job openings are projected for this occupational group during the period 2002 to 2012. Within this occupational group, **cashiers** are projected to have the most annual openings with 460, followed by **retail salespersons** with 390 annual openings.

**Northeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
	<b><u>Total, All Northeast Occupations</u></b>	<b><u>280,740</u></b>	<b><u>317,570</u></b>	<b><u>36,830</u></b>	<b><u>13.1</u></b>	<b><u>9,620</u></b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>32,950</b>	<b>34,370</b>	<b>1,420</b>	<b>4.3</b>	<b>380</b>
11-1011	Chief Executives	1,010	1,170	160	15.8	40
11-1021	General & Operations Managers	3,310	3,810	500	15.1	110
11-1031	Legislators	320	330	10	3.1	0
11-2011	Advertising & Promotions Managers	120	150	30	25.0	0
11-2021	Marketing Managers	210	250	40	19.0	0
11-2022	Sales Managers	550	700	150	27.3	30
11-2031	Public Relations Managers	90	120	30	33.3	0
11-3011	Administrative Services Managers	590	670	80	13.6	20
11-3021	Computer & Information Systems Managers	350	450	100	28.6	20
11-3031	Financial Managers	760	870	110	14.5	20
11-3040	Human Resources Managers	230	260	30	13.0	0
11-3051	Industrial Production Managers	250	280	30	12.0	10
11-3061	Purchasing Managers	110	110	0	0.0	0
11-3071	Transportation, Storage, & Distribution Managers	170	200	30	17.6	0
11-9011	Farm, Ranch, & Other Agricultural Managers	170	190	20	11.8	0
11-9012	Farmers & Ranchers	19,940	19,250	-690	-3.5	30
11-9021	Construction Managers	490	560	70	14.3	20
11-9031	Education Administrators, Preschool & Child Care Center/Program	80	100	20	25.0	0
11-9032	Education Administrators, Elementary & Secondary School	500	620	120	24.0	20
11-9033	Education Administrators, Postsecondary	450	560	110	24.4	20
11-9039	Education Administrators, All Other	30	30	0	0.0	0
11-9041	Engineering Managers	210	250	40	19.0	0
11-9051	Food Service Managers	510	590	80	15.7	20
11-9061	Funeral Directors	210	220	10	4.8	10
11-9071	Gaming Managers	10	20	10	100.0	0
11-9081	Lodging Managers	50	60	10	20.0	0
11-9111	Medical & Health Services Managers	560	700	140	25.0	20
11-9121	Natural Sciences Managers	50	50	0	0.0	0
11-9131	Postmasters & Mail Superintendents	110	140	30	27.3	0
11-9141	Property, Real Estate, & Community Association Managers	230	270	40	17.4	0
11-9151	Social & Community Service Managers	220	260	40	18.2	0
11-9199	Managers, All Other	1,060	1,130	70	6.6	30
<b>13-0000</b>	<b>Business &amp; Financial Operations Occupations</b>	<b>9,610</b>	<b>11,010</b>	<b>1,400</b>	<b>14.6</b>	<b>310</b>
13-1011	Agents & Business Managers of Artists, Performers, & Athletes	20	30	10	50.0	0
13-1021	Purchasing Agents & Buyers, Farm Products	40	50	10	25.0	0
13-1022	Wholesale & Retail Buyers, Except Farm Products	250	260	10	4.0	10
13-1023	Purchasing Agents, Except Wholesale, Retail, & Farm Products	420	480	60	14.3	20
13-1031	Claims Adjusters, Examiners, & Investigators	480	530	50	10.4	20
13-1032	Insurance Appraisers, Auto Damage	20	20	0	0.0	0
13-1041	Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation	640	640	0	0.0	20
13-1051	Cost Estimators	410	510	100	24.4	20
13-1061	Emergency Management Specialists	30	40	10	33.3	0
13-1071	Employment, Recruitment, & Placement Specialists	200	240	40	20.0	0
13-1072	Compensation, Benefits, & Job Analysis Specialists	160	210	50	31.3	10
13-1073	Training & Development Specialists	360	430	70	19.4	20

**Northeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
13-1111	Management Analysts	880	1,030	150	17.0	30
13-1121	Meeting & Convention Planners	100	120	20	20.0	0
13-1199	Business Operations Specialists, All Other	1,540	1,790	250	16.2	60
13-2011	Accountants & Auditors	1,890	2,260	370	19.6	80
13-2021	Appraisers & Assessors of Real Estate	220	240	20	9.1	10
13-2031	Budget Analysts	70	80	10	14.3	0
13-2041	Credit Analysts	80	90	10	12.5	0
13-2051	Financial Analysts	260	290	30	11.5	0
13-2052	Personal Financial Advisors	170	200	30	17.6	0
13-2053	Insurance Underwriters	210	230	20	9.5	0
13-2061	Financial Examiners	70	60	-10	-14.3	0
13-2071	Loan Counselors	20	20	0	0.0	0
13-2072	Loan Officers	630	690	60	9.5	20
13-2081	Tax Examiners, Collectors, & Revenue Agents	180	160	-20	-11.1	0
13-2082	Tax Preparers	110	150	40	36.4	0
13-2099	Financial Specialists, All Other	150	160	10	6.7	0
<b>15-0000</b>	<b>Computer &amp; Mathematical Occupations</b>	<b>4,260</b>	<b>5,070</b>	<b>810</b>	<b>19.0</b>	<b>140</b>
15-1011	Computer & Information Scientists, Research	30	40	10	33.3	0
15-1021	Computer Programmers	640	670	30	4.7	20
15-1031	Computer Software Engineers, Applications	510	620	110	21.6	20
15-1032	Computer Software Engineers, Systems Software	210	270	60	28.6	10
15-1041	Computer Support Specialists	770	930	160	20.8	30
15-1051	Computer Systems Analysts	860	1,010	150	17.4	30
15-1061	Database Administrators	160	210	50	31.3	10
15-1071	Network & Computer Systems Administrators	500	630	130	26.0	20
15-1081	Network Systems & Data Communications Analysts	270	350	80	29.6	10
15-1099	Computer Specialists, All Other	130	160	30	23.1	0
15-2011	Actuaries	40	40	0	0.0	0
15-2031	Operations Research Analysts	100	110	10	10.0	0
15-2041	Statisticians	30	30	0	0.0	0
<b>17-0000</b>	<b>Architecture &amp; Engineering Occupations</b>	<b>3,150</b>	<b>3,570</b>	<b>420</b>	<b>13.3</b>	<b>80</b>
17-1011	Architects, Except Landscape & Naval	120	170	50	41.7	10
17-1012	Landscape Architects	30	40	10	33.3	0
17-1021	Cartographers & Photogrammetrists	50	70	20	40.0	0
17-1022	Surveyors	50	60	10	20.0	0
17-2011	Aerospace Engineers	40	50	10	25.0	0
17-2021	Agricultural Engineers	10	10	0	0.0	0
17-2031	Biomedical Engineers	10	10	0	0.0	0
17-2041	Chemical Engineers	40	40	0	0.0	0
17-2051	Civil Engineers	320	370	50	15.6	20
17-2061	Computer Hardware Engineers	30	40	10	33.3	0
17-2071	Electrical Engineers	120	140	20	16.7	0
17-2072	Electronics Engineers, Except Computer	350	370	20	5.7	10
17-2081	Environmental Engineers	70	90	20	28.6	0
17-2111	Health & Safety Engineers, Except Mining Safety Engineers & Inspectors	40	40	0	0.0	0
17-2112	Industrial Engineers	110	120	10	9.1	0
17-2131	Materials Engineers	10	10	0	0.0	0
17-2141	Mechanical Engineers	260	290	30	11.5	10
17-2161	Nuclear Engineers	10	10	0	0.0	0
17-2171	Petroleum Engineers	10	10	0	0.0	0

**Northeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
17-2199	Engineers, All Other	180	190	10	5.6	0
17-3011	Architectural & Civil Drafters	140	170	30	21.4	0
17-3012	Electrical & Electronics Drafters	40	40	0	0.0	0
17-3013	Mechanical Drafters	120	120	0	0.0	0
17-3022	Civil Engineering Technicians	530	550	20	3.8	10
17-3023	Electrical & Electronic Engineering Technicians	160	180	20	12.5	0
17-3024	Electro-Mechanical Technicians	10	20	10	100.0	0
17-3025	Environmental Engineering Technicians	10	20	10	100.0	0
17-3026	Industrial Engineering Technicians	40	40	0	0.0	0
17-3027	Mechanical Engineering Technicians	70	80	10	14.3	0
17-3031	Surveying & Mapping Technicians	80	120	40	50.0	0
17-3099	Drafters, Engineering, & Mapping Technicians, All Other	90	100	10	11.1	0
<b>19-0000</b>	<b>Life, Physical, &amp; Social Science Occupations</b>	<b>2,280</b>	<b>2,510</b>	<b>230</b>	<b>10.1</b>	<b>40</b>
19-1010	Agricultural & Food Scientists	120	130	10	8.3	0
19-1021	Biochemists & Biophysicists	40	40	0	0.0	0
19-1022	Microbiologists	30	30	0	0.0	0
19-1023	Zoologists & Wildlife Biologists	30	30	0	0.0	0
19-1031	Conservation Scientists	50	50	0	0.0	0
19-1041	Epidemiologists	10	10	0	0.0	0
19-1042	Medical Scientists, Except Epidemiologists	60	80	20	33.3	0
19-1099	Life Scientists, All Other	80	80	0	0.0	0
19-2012	Physicists	10	10	0	0.0	0
19-2021	Atmospheric & Space Scientists	20	10	-10	-50.0	0
19-2031	Chemists	100	110	10	10.0	0
19-2032	Materials Scientists	10	20	10	100.0	0
19-2041	Environmental Scientists & Specialists, Including Health	210	220	10	4.8	0
19-2042	Geoscientists, Except Hydrologists & Geographers	80	90	10	12.5	0
19-2043	Hydrologists	10	10	0	0.0	0
19-2099	Physical Scientists, All Other	40	40	0	0.0	0
19-3011	Economists	10	10	0	0.0	0
19-3021	Market Research Analysts	230	280	50	21.7	20
19-3022	Survey Researchers	90	100	10	11.1	0
19-3031	Clinical, Counseling, & School Psychologists	320	370	50	15.6	20
19-3051	Urban & Regional Planners	20	30	10	50.0	0
19-3091	Anthropologists & Archeologists	10	10	0	0.0	0
19-3099	Social Scientists & Related Workers, All Other	150	150	0	0.0	0
19-4011	Agricultural & Food Science Technicians	90	100	10	11.1	0
19-4021	Biological Technicians	60	60	0	0.0	0
19-4031	Chemical Technicians	70	80	10	14.3	0
19-4091	Environmental Science & Protection Technicians, Including Health	90	100	10	11.1	0
19-4092	Forensic Science Technicians	10	10	0	0.0	0
19-4093	Forest & Conservation Technicians	60	60	0	0.0	0
19-4099	Life, Physical, & Social Science Technicians, All Other	170	190	20	11.8	0
<b>21-0000</b>	<b>Community &amp; Social Services Occupations</b>	<b>5,890</b>	<b>6,830</b>	<b>940</b>	<b>16.0</b>	<b>210</b>
21-1011	Substance Abuse & Behavioral Disorder Counselors	100	110	10	10.0	0
21-1012	Educational, Vocational, & School Counselors	470	530	60	12.8	20
21-1013	Marriage & Family Therapists	80	80	0	0.0	0
21-1014	Mental Health Counselors	140	160	20	14.3	0
21-1015	Rehabilitation Counselors	390	460	70	17.9	20
21-1021	Child, Family, & School Social Workers	450	540	90	20.0	20

**Northeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
21-1022	Medical & Public Health Social Workers	270	330	60	22.2	20
21-1023	Mental Health & Substance Abuse Social Workers	450	500	50	11.1	20
21-1091	Health Educators	60	70	10	16.7	0
21-1092	Probation Officers & Correctional Treatment Specialists	260	270	10	3.8	10
21-1093	Social & Human Service Assistants	1,530	1,860	330	21.6	60
21-2011	Clergy	1,000	1,100	100	10.0	30
21-2021	Directors, Religious Activities & Education	230	270	40	17.4	0
21-9099	Counselors, Social, & Religious Workers, All Other	460	550	90	19.6	20
<b>23-0000</b>	<b>Legal Occupations</b>	<b>2,070</b>	<b>2,260</b>	<b>190</b>	<b>9.2</b>	<b>40</b>
23-1011	Lawyers	860	990	130	15.1	20
23-1021	Administrative Law Judges, Adjudicators, & Hearing Officers	20	20	0	0.0	0
23-1022	Arbitrators, Mediators, & Conciliators	20	20	0	0.0	0
23-1023	Judges, Magistrate Judges, & Magistrates	160	160	0	0.0	0
23-2011	Paralegals & Legal Assistants	310	410	100	32.3	10
23-2091	Court Reporters	100	100	0	0.0	0
23-2092	Law Clerks	60	60	0	0.0	0
23-2093	Title Examiners, Abstractors, & Searchers	100	100	0	0.0	0
23-9099	Legal & Related Workers, All Other	440	400	-40	-9.1	10
<b>25-0000</b>	<b>Education, Training, &amp; Library Occupations</b>	<b>17,990</b>	<b>22,390</b>	<b>4,400</b>	<b>24.5</b>	<b>790</b>
25-1011	Business Teachers, Postsecondary	300	400	100	33.3	20
25-1021	Computer Science Teachers, Postsecondary	120	160	40	33.3	0
25-1022	Mathematical Science Teachers, Postsecondary	140	180	40	28.6	0
25-1031	Architecture Teachers, Postsecondary	70	100	30	42.9	0
25-1032	Engineering Teachers, Postsecondary	230	300	70	30.4	20
25-1041	Agricultural Sciences Teachers, Postsecondary	160	200	40	25.0	0
25-1042	Biological Science Teachers, Postsecondary	180	240	60	33.3	10
25-1051	Atmospheric, Earth, Marine, & Space Sciences Teachers, Postsecondary	20	30	10	50.0	0
25-1052	Chemistry Teachers, Postsecondary	80	110	30	37.5	0
25-1053	Environmental Science Teachers, Postsecondary	10	10	0	0.0	0
25-1054	Physics Teachers, Postsecondary	60	80	20	33.3	0
25-1061	Anthropology & Archeology Teachers, Postsecondary	10	20	10	100.0	0
25-1062	Area, Ethnic, & Cultural Studies Teachers, Postsecondary	20	30	10	50.0	0
25-1063	Economics Teachers, Postsecondary	70	90	20	28.6	0
25-1064	Geography Teachers, Postsecondary	20	30	10	50.0	0
25-1065	Political Science Teachers, Postsecondary	50	70	20	40.0	0
25-1066	Psychology Teachers, Postsecondary	110	160	50	45.5	0
25-1067	Sociology Teachers, Postsecondary	60	80	20	33.3	0
25-1071	Health Specialties Teachers, Postsecondary	160	220	60	37.5	10
25-1072	Nursing Instructors & Teachers, Postsecondary	60	80	20	33.3	0
25-1081	Education Teachers, Postsecondary	260	350	90	34.6	20
25-1082	Library Science Teachers, Postsecondary	40	50	10	25.0	0
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	20	20	0	0.0	0
25-1112	Law Teachers, Postsecondary	30	50	20	66.7	0
25-1113	Social Work Teachers, Postsecondary	80	100	20	25.0	0
25-1121	Art, Drama, & Music Teachers, Postsecondary	360	490	130	36.1	20
25-1122	Communications Teachers, Postsecondary	110	140	30	27.3	0
25-1123	English Language & Literature Teachers, Postsecondary	180	240	60	33.3	10
25-1124	Foreign Language & Literature Teachers, Postsecondary	120	160	40	33.3	0



**Northeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
25-1125	History Teachers, Postsecondary	70	100	30	42.9	0
25-1126	Philosophy & Religion Teachers, Postsecondary	60	90	30	50.0	0
25-1191	Graduate Teaching Assistants	100	130	30	30.0	0
25-1192	Home Economics Teachers, Postsecondary	30	40	10	33.3	0
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	40	60	20	50.0	0
25-1194	Vocational Education Teachers, Postsecondary	100	130	30	30.0	0
25-1199	Postsecondary Teachers, All Other	220	290	70	31.8	20
25-2011	Preschool Teachers, Except Special Education	490	590	100	20.4	20
25-2012	Kindergarten Teachers, Except Special Education	350	460	110	31.4	10
25-2021	Elementary School Teachers, Except Special Education	3,700	4,370	670	18.1	150
25-2022	Middle School Teachers, Except Special & Vocational Education	1,730	1,940	210	12.1	60
25-2023	Vocational Education Teachers, Middle School	40	40	0	0.0	0
25-2031	Secondary School Teachers, Except Special & Vocational Education	2,550	3,100	550	21.6	130
25-2032	Vocational Education Teachers, Secondary School	380	430	50	13.2	20
25-2041	Special Education Teachers, Preschool, Kindergarten, & Elementary School	510	680	170	33.3	30
25-2042	Special Education Teachers, Middle School	240	330	90	37.5	20
25-2043	Special Education Teachers, Secondary School	350	470	120	34.3	20
25-3011	Adult Literacy, Remedial Education, & GED Teachers & Instructors	70	90	20	28.6	0
25-3021	Self-Enrichment Education Teachers	310	380	70	22.6	10
25-3999	Teachers, Primary, Secondary, & Adult, All Other	1,310	1,870	560	42.7	80
25-4010	Archivists, Curators, & Museum Technicians	70	70	0	0.0	0
25-4021	Librarians	430	470	40	9.3	10
25-4031	Library Technicians	350	410	60	17.1	20
25-9011	Audio-Visual Collections Specialists	10	10	0	0.0	0
25-9021	Farm & Home Management Advisors	90	100	10	11.1	0
25-9031	Instructional Coordinators	180	230	50	27.8	10
25-9041	Teacher Assistants	1,060	1,300	240	22.6	40
25-9199	Library, Museum, Training, & Other Education Workers, All Other	20	20	0	0.0	0
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, &amp; Media Occupations</b>	<b>4,580</b>	<b>5,280</b>	<b>700</b>	<b>15.3</b>	<b>150</b>
27-1011	Art Directors	60	60	0	0.0	0
27-1013	Fine Artists, Including Painters, Sculptors, & Illustrators	20	20	0	0.0	0
27-1014	Multi-Media Artists & Animators	50	60	10	20.0	0
27-1021	Commercial & Industrial Designers	50	60	10	20.0	0
27-1022	Fashion Designers	10	10	0	0.0	0
27-1023	Floral Designers	280	310	30	10.7	0
27-1024	Graphic Designers	400	480	80	20.0	20
27-1025	Interior Designers	80	100	20	25.0	0
27-1026	Merchandise Displayers & Window Trimmers	90	110	20	22.2	0
27-1099	Art & Design Workers, All Other	110	120	10	9.1	0
27-2011	Actors	10	20	10	100.0	0
27-2012	Producers & Directors	80	80	0	0.0	0
27-2021	Athletes & Sports Competitors	10	10	0	0.0	0
27-2022	Coaches & Scouts	600	740	140	23.3	20
27-2023	Umpires, Referees, & Other Sports Officials	80	90	10	12.5	0
27-2031	Dancers	10	10	0	0.0	0

**Northeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
27-2032	Choreographers	90	100	10	11.1	10
27-2041	Music Directors & Composers	90	100	10	11.1	0
27-2042	Musicians & Singers	220	260	40	18.2	10
27-2099	Entertainers & Performers, Sports & Related Workers, All Other	10	10	0	0.0	0
27-3010	Announcers	180	170	-10	-5.6	10
27-3020	News Analysts, Reporters & Correspondents	300	340	40	13.3	10
27-3031	Public Relations Specialists	470	610	140	29.8	20
27-3041	Editors	460	510	50	10.9	20
27-3042	Technical Writers	60	70	10	16.7	0
27-3043	Writers & Authors	250	270	20	8.0	0
27-3091	Interpreters & Translators	50	60	10	20.0	0
27-3099	Media & Communication Workers, All Other	60	70	10	16.7	0
27-4011	Audio & Video Equipment Technicians	60	70	10	16.7	0
27-4012	Broadcast Technicians	60	70	10	16.7	0
27-4014	Sound Engineering Technicians	10	10	0	0.0	0
27-4021	Photographers	180	200	20	11.1	0
27-4031	Camera Operators, Television, Video, & Motion Picture	30	30	0	0.0	0
27-4032	Film & Video Editors	20	20	0	0.0	0
27-4099	Media & Communication Equipment Workers, All Other	30	30	0	0.0	0
<b>29-0000</b>	<b>Healthcare Practitioners &amp; Technical Occupations</b>	<b>14,440</b>	<b>17,480</b>	<b>3,040</b>	<b>21.1</b>	<b>550</b>
29-1011	Chiropractors	150	160	10	6.7	0
29-1020	Dentists	240	240	0	0.0	0
29-1031	Dietitians & Nutritionists	110	130	20	18.2	0
29-1041	Optometrists	90	90	0	0.0	0
29-1051	Pharmacists	390	520	130	33.3	20
29-1061	Anesthesiologists	150	160	10	6.7	0
29-1062	Family & General Practitioners	380	400	20	5.3	10
29-1063	Internists, General	120	130	10	8.3	0
29-1064	Obstetricians & Gynecologists	80	80	0	0.0	0
29-1065	Pediatricians, General	110	120	10	9.1	0
29-1066	Psychiatrists	150	160	10	6.7	0
29-1067	Surgeons	290	300	10	3.4	0
29-1069	Physicians & Surgeons, All Other	150	160	10	6.7	0
29-1071	Physician Assistants	100	130	30	30.0	0
29-1081	Podiatrists	20	20	0	0.0	0
29-1111	Registered Nurses	5,320	6,720	1,400	26.3	250
29-1121	Audiologists	10	10	0	0.0	0
29-1122	Occupational Therapists	220	280	60	27.3	10
29-1123	Physical Therapists	290	380	90	31.0	10
29-1124	Radiation Therapists	20	20	0	0.0	0
29-1125	Recreational Therapists	70	70	0	0.0	0
29-1126	Respiratory Therapists	290	390	100	34.5	20
29-1127	Speech-Language Pathologists	250	320	70	28.0	20
29-1131	Veterinarians	220	240	20	9.1	10
29-1199	Health Diagnosing & Treating Practitioners, All Other	100	120	20	20.0	0
29-2011	Medical & Clinical Laboratory Technologists	310	360	50	16.1	20
29-2012	Medical & Clinical Laboratory Technicians	290	330	40	13.8	10
29-2021	Dental Hygienists	290	380	90	31.0	10
29-2031	Cardiovascular Technologists & Technicians	110	150	40	36.4	0
29-2032	Diagnostic Medical Sonographers	70	90	20	28.6	0

**Northeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
29-2033	Nuclear Medicine Technologists	30	30	0	0.0	0
29-2034	Radiologic Technologists & Technicians	300	360	60	20.0	20
29-2041	Emergency Medical Technicians & Paramedics	540	630	90	16.7	20
29-2051	Dietetic Technicians	60	70	10	16.7	0
29-2052	Pharmacy Technicians	350	450	100	28.6	20
29-2053	Psychiatric Technicians	50	50	0	0.0	0
29-2054	Respiratory Therapy Technicians	50	80	30	60.0	0
29-2055	Surgical Technologists	140	180	40	28.6	0
29-2056	Veterinary Technologists & Technicians	110	150	40	36.4	0
29-2061	Licensed Practical & Licensed Vocational Nurses	1,460	1,650	190	13.0	50
29-2071	Medical Records & Health Information Technicians	410	560	150	36.6	30
29-2081	Opticians, Dispensing	220	220	0	0.0	0
29-9010	Occupational Health & Safety Specialists & Technicians	80	90	10	12.5	0
29-9091	Athletic Trainers	50	60	10	20.0	0
29-9199	Health Professionals & Technicians, All Other	200	240	40	20.0	0
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>7,810</b>	<b>9,710</b>	<b>1,900</b>	<b>24.3</b>	<b>290</b>
31-1011	Home Health Aides	960	1,200	240	25.0	30
31-1012	Nursing Aides, Orderlies, & Attendants	4,290	5,250	960	22.4	160
31-1013	Psychiatric Aides	320	380	60	18.8	10
31-2011	Occupational Therapist Assistants	50	60	10	20.0	0
31-2012	Occupational Therapist Aides	10	10	0	0.0	0
31-2021	Physical Therapist Assistants	190	260	70	36.8	10
31-2022	Physical Therapist Aides	90	120	30	33.3	0
31-9011	Massage Therapists	60	70	10	16.7	0
31-9091	Dental Assistants	550	730	180	32.7	40
31-9092	Medical Assistants	500	720	220	44.0	30
31-9093	Medical Equipment Preparers	80	90	10	12.5	0
31-9094	Medical Transcriptionists	180	200	20	11.1	0
31-9095	Pharmacy Aides	90	100	10	11.1	0
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	220	270	50	22.7	10
31-9099	Healthcare Support Workers, All Other	220	250	30	13.6	0
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>6,140</b>	<b>6,830</b>	<b>690</b>	<b>11.2</b>	<b>250</b>
33-1011	First-Line Supervisors/Managers of Correctional Officers	90	90	0	0.0	0
33-1012	First-Line Supervisors/Managers of Police & Detectives	330	370	40	12.1	10
33-1021	First-Line Supervisors/Managers of Fire Fighting & Prevention Workers	140	160	20	14.3	10
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	70	80	10	14.3	0
33-2011	Fire Fighters	580	660	80	13.8	30
33-2021	Fire Inspectors & Investigators	20	20	0	0.0	0
33-3011	Bailiffs	10	10	0	0.0	0
33-3012	Correctional Officers & Jailers	1,720	1,820	100	5.8	50
33-3021	Detectives & Criminal Investigators	170	180	10	5.9	10
33-3041	Parking Enforcement Workers	10	10	0	0.0	0
33-3051	Police & Sheriff's Patrol Officers	1,340	1,490	150	11.2	60
33-3052	Transit & Railroad Police	10	10	0	0.0	0
33-9011	Animal Control Workers	40	50	10	25.0	0
33-9021	Private Detectives & Investigators	40	40	0	0.0	0
33-9031	Gaming Surveillance Officers & Gaming Investigators	20	30	10	50.0	0
33-9032	Security Guards	1,040	1,220	180	17.3	40
33-9091	Crossing Guards	90	110	20	22.2	0

**Northeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
33-9099	Protective Service Workers, All Other	420	480	60	14.3	40
<b>35-0000</b>	<b>Food Preparation &amp; Serving Related Occupations</b>	<b>21,300</b>	<b>24,910</b>	<b>3,610</b>	<b>16.9</b>	<b>1,210</b>
35-1011	Chefs & Head Cooks	200	220	20	10.0	10
35-1012	First-Line Supervisors/Managers of Food Preparation & Serving Workers	1,800	2,130	330	18.3	70
35-2011	Cooks, Fast Food	1,590	1,740	150	9.4	70
35-2012	Cooks, Institution & Cafeteria	1,710	1,720	10	0.6	50
35-2014	Cooks, Restaurant	1,220	1,440	220	18.0	60
35-2015	Cooks, Short Order	630	720	90	14.3	30
35-2021	Food Preparation Workers	1,840	2,220	380	20.7	110
35-3011	Bartenders	1,160	1,320	160	13.8	70
35-3021	Combined Food Preparation & Serving Workers, Including Fast Food	4,040	5,120	1,080	26.7	290
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee Shop	730	850	120	16.4	60
35-3031	Waiters & Waitresses	4,050	4,790	740	18.3	280
35-3041	Food Servers, Nonrestaurant	420	460	40	9.5	10
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	480	540	60	12.5	30
35-9021	Dishwashers	790	880	90	11.4	40
35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	520	630	110	21.2	30
35-9099	Food Preparation & Serving Related Workers, All Other	120	130	10	8.3	0
<b>37-0000</b>	<b>Building &amp; Grounds Cleaning &amp; Maintenance Occupations</b>	<b>9,320</b>	<b>11,210</b>	<b>1,890</b>	<b>20.3</b>	<b>370</b>
37-1011	First-Line Supervisors/Managers of Housekeeping & Janitorial Workers	440	510	70	15.9	20
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, & Groundskeeping Workers	220	260	40	18.2	0
37-2011	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	4,580	5,510	930	20.3	180
37-2012	Maids & Housekeeping Cleaners	1,850	2,210	360	19.5	80
37-2021	Pest Control Workers	100	120	20	20.0	0
37-3011	Landscaping & Groundskeeping Workers	1,980	2,430	450	22.7	90
37-3012	Pesticide Handlers, Sprayers, & Applicators, Vegetation	100	110	10	10.0	0
37-3013	Tree Trimmers & Pruners	10	20	10	100.0	0
37-9099	Building & Grounds Cleaning & Maintenance Workers, All Other	40	40	0	0.0	0
<b>39-0000</b>	<b>Personal Care &amp; Service Occupations</b>	<b>9,270</b>	<b>10,870</b>	<b>1,600</b>	<b>17.3</b>	<b>370</b>
39-1011	Gaming Supervisors	40	50	10	25.0	0
39-1012	Slot Key Persons	30	30	0	0.0	0
39-1021	First-Line Supervisors/Managers of Personal Service Workers	390	450	60	15.4	20
39-2011	Animal Trainers	10	10	0	0.0	0
39-2021	Nonfarm Animal Caretakers	200	230	30	15.0	10
39-3011	Gaming Dealers	150	180	30	20.0	10
39-3012	Gaming & Sports Book Writers & Runners	20	20	0	0.0	0
39-3021	Motion Picture Projectionists	10	10	0	0.0	0
39-3031	Ushers, Lobby Attendants, & Ticket Takers	220	220	0	0.0	10
39-3091	Amusement & Recreation Attendants	330	390	60	18.2	20
39-3092	Costume Attendants	10	10	0	0.0	0
39-3093	Locker Room, Coatroom, & Dressing Room Attendants	50	70	20	40.0	0

**Northeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
39-3199	Gaming Workers, All Other	90	110	20	22.2	0
39-4011	Embalmers	140	150	10	7.1	0
39-4021	Funeral Attendants	40	60	20	50.0	0
39-5011	Barbers	190	190	0	0.0	10
39-5012	Hairdressers, Hairstylists, & Cosmetologists	1,390	1,470	80	5.8	40
39-5092	Manicurists & Pedicurists	80	90	10	12.5	0
39-5093	Shampooers	40	40	0	0.0	0
39-5094	Skin Care Specialists	80	80	0	0.0	0
39-6011	Baggage Porters & Bellhops	20	30	10	50.0	0
39-6012	Concierges	10	10	0	0.0	0
39-6021	Tour Guides & Escorts	10	20	10	100.0	0
39-6031	Flight Attendants	10	10	0	0.0	0
39-6032	Transportation Attendants, Except Flight Attendants & Baggage Porters	30	30	0	0.0	0
39-9011	Child Care Workers	2,090	2,460	370	17.7	100
39-9021	Personal & Home Care Aides	2,520	3,120	600	23.8	100
39-9031	Fitness Trainers & Aerobics Instructors	390	510	120	30.8	20
39-9032	Recreation Workers	420	500	80	19.0	20
39-9041	Residential Advisors	180	220	40	22.2	0
39-9099	Personal Care & Service Workers, All Other	80	100	20	25.0	0
<b>41-0000</b>	<b>Sales &amp; Related Occupations</b>	<b>28,820</b>	<b>32,540</b>	<b>3,720</b>	<b>12.9</b>	<b>1,300</b>
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	2,880	3,310	430	14.9	90
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	680	780	100	14.7	20
41-2011	Cashiers	7,260	8,370	1,110	15.3	460
41-2012	Gaming Change Persons & Booth Cashiers	90	110	20	22.2	0
41-2021	Counter & Rental Clerks	810	1,010	200	24.7	50
41-2022	Parts Salespersons	430	420	-10	-2.3	10
41-2031	Retail Salespersons	7,670	8,720	1,050	13.7	390
41-3011	Advertising Sales Agents	520	590	70	13.5	20
41-3021	Insurance Sales Agents	2,320	2,340	20	0.9	60
41-3031	Securities, Commodities, & Financial Services Sales Agents	250	260	10	4.0	0
41-3041	Travel Agents	40	40	0	0.0	0
41-4011	Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	370	430	60	16.2	20
41-4012	Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	1,930	2,260	330	17.1	80
41-9011	Demonstrators & Product Promoters	140	170	30	21.4	0
41-9021	Real Estate Brokers	380	400	20	5.3	10
41-9022	Real Estate Sales Agents	1,030	1,050	20	1.9	20
41-9031	Sales Engineers	50	60	10	20.0	0
41-9041	Telemarketers	990	1,040	50	5.1	30
41-9091	Door-To-Door Sales Workers, News & Street Vendors, & Related Workers	90	100	10	11.1	0
41-9099	Sales & Related Workers, All Other	890	1,080	190	21.3	40
<b>43-0000</b>	<b>Office &amp; Administrative Support Occupations</b>	<b>43,190</b>	<b>46,010</b>	<b>2,820</b>	<b>6.5</b>	<b>1,270</b>
43-1011	First-Line Supervisors/Managers of Office & Administrative Support Workers	2,790	2,960	170	6.1	80
43-2011	Switchboard Operators, Including Answering Service	410	420	10	2.4	10
43-2021	Telephone Operators	10	10	0	0.0	0

**Northeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
43-2099	Communications Equipment Operators, All Other	20	10	-10	-50.0	0
43-3011	Bill & Account Collectors	700	920	220	31.4	30
43-3021	Billing & Posting Clerks & Machine Operators	890	940	50	5.6	30
43-3031	Bookkeeping, Accounting, & Auditing Clerks	3,880	4,080	200	5.2	90
43-3041	Gaming Cage Workers	60	70	10	16.7	0
43-3051	Payroll & Timekeeping Clerks	380	410	30	7.9	10
43-3061	Procurement Clerks	160	150	-10	-6.3	0
43-3071	Tellers	1,350	1,460	110	8.1	80
43-4011	Brokerage Clerks	30	20	-10	-33.3	0
43-4021	Correspondence Clerks	60	50	-10	-16.7	0
43-4031	Court, Municipal, & License Clerks	490	500	10	2.0	10
43-4041	Credit Authorizers, Checkers, & Clerks	80	70	-10	-12.5	0
43-4051	Customer Service Representatives	3,180	3,830	650	20.4	120
43-4061	Eligibility Interviewers, Government Programs	210	210	0	0.0	10
43-4071	File Clerks	430	420	-10	-2.3	10
43-4081	Hotel, Motel, & Resort Desk Clerks	330	410	80	24.2	30
43-4111	Interviewers, Except Eligibility & Loan	380	490	110	28.9	20
43-4121	Library Assistants, Clerical	340	390	50	14.7	20
43-4131	Loan Interviewers & Clerks	280	230	-50	-17.9	0
43-4141	New Accounts Clerks	220	230	10	4.5	10
43-4151	Order Clerks	580	530	-50	-8.6	10
43-4161	Human Resources Assistants, Except Payroll & Timekeeping	270	300	30	11.1	10
43-4171	Receptionists & Information Clerks	1,740	2,140	400	23.0	80
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	100	140	40	40.0	0
43-4999	Financial, Information, & Record Clerks, All Other	590	570	-20	-3.4	10
43-5011	Cargo & Freight Agents	270	290	20	7.4	10
43-5021	Couriers & Messengers	150	150	0	0.0	0
43-5031	Police, Fire, & Ambulance Dispatchers	270	310	40	14.8	10
43-5032	Dispatchers, Except Police, Fire, & Ambulance	240	270	30	12.5	10
43-5041	Meter Readers, Utilities	140	140	0	0.0	10
43-5051	Postal Service Clerks	160	200	40	25.0	0
43-5052	Postal Service Mail Carriers	750	940	190	25.3	40
43-5053	Postal Service Mail Sorters, Processors, & Processing Machine Operators	370	420	50	13.5	20
43-5061	Production, Planning, & Expediting Clerks	410	480	70	17.1	20
43-5071	Shipping, Receiving, & Traffic Clerks	1,130	1,170	40	3.5	20
43-5081	Stock Clerks & Order Fillers	3,050	2,950	-100	-3.3	110
43-5111	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	100	120	20	20.0	0
43-5199	Material Recording, Scheduling, Dispatching, & Distributing Workers, All Other	20	20	0	0.0	0
43-6011	Executive Secretaries & Administrative Assistants	3,780	3,910	130	3.4	80
43-6012	Legal Secretaries	300	390	90	30.0	20
43-6013	Medical Secretaries	420	460	40	9.5	10
43-6014	Secretaries, Except Legal, Medical, & Executive	3,620	3,550	-70	-1.9	70
43-9011	Computer Operators	250	200	-50	-20.0	10
43-9021	Data Entry Keyers	580	530	-50	-8.6	10
43-9022	Word Processors & Typists	190	130	-60	-31.6	0
43-9031	Desktop Publishers	120	160	40	33.3	0
43-9041	Insurance Claims & Policy Processing Clerks	450	450	0	0.0	10

**Northeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
43-9051	Mail Clerks & Mail Machine Operators, Except Postal Service	290	280	-10	-3.4	10
43-9061	Office Clerks, General	5,600	5,980	380	6.8	160
43-9071	Office Machine Operators, Except Computer	150	150	0	0.0	0
43-9081	Proofreaders & Copy Markers	50	50	0	0.0	0
43-9111	Statistical Assistants	20	20	0	0.0	0
43-9999	Secretaries, Administrative Assistants, & Other Office Support Workers, All Other	350	330	-20	-5.7	10
<b>45-0000</b>	<b>Farming, Fishing, &amp; Forestry Occupations</b>	<b>1,000</b>	<b>1,150</b>	<b>150</b>	<b>15.0</b>	<b>40</b>
45-1011	First-Line Supervisors/Managers of Farming, Fishing, & Forestry Workers	40	50	10	25.0	0
45-2011	Agricultural Inspectors	70	70	0	0.0	0
45-2041	Graders & Sorters, Agricultural Products	70	80	10	14.3	0
45-2091	Agricultural Equipment Operators	180	210	30	16.7	10
45-2092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	470	540	70	14.9	20
45-2093	Farmworkers, Farm & Ranch Animals	90	110	20	22.2	0
45-3011	Fishers & Related Fishing Workers	10	10	0	0.0	0
45-9099	Farming, Fishing, & Forestry Workers, All Other	70	80	10	14.3	0
<b>47-0000</b>	<b>Construction &amp; Extraction Occupations</b>	<b>12,830</b>	<b>15,160</b>	<b>2,330</b>	<b>18.2</b>	<b>470</b>
47-1011	First-Line Supervisors/Managers of Construction Trades & Extraction Workers	1,520	1,790	270	17.8	60
47-2011	Boilermakers	30	30	0	0.0	0
47-2021	Brickmasons & Blockmasons	120	140	20	16.7	0
47-2022	Stonemasons	50	50	0	0.0	0
47-2031	Carpenters	1,860	2,210	350	18.8	70
47-2041	Carpet Installers	140	160	20	14.3	0
47-2042	Floor Layers, Except Carpet, Wood, & Hard Tiles	30	40	10	33.3	0
47-2044	Tile & Marble Setters	90	120	30	33.3	0
47-2051	Cement Masons & Concrete Finishers	390	520	130	33.3	20
47-2061	Construction Laborers	1,750	2,110	360	20.6	60
47-2071	Paving, Surfacing, & Tamping Equipment Operators	190	220	30	15.8	0
47-2073	Operating Engineers & Other Construction Equipment Operators	1,640	1,800	160	9.8	60
47-2081	Drywall & Ceiling Tile Installers	100	120	20	20.0	0
47-2082	Tapers	40	40	0	0.0	0
47-2111	Electricians	840	1,030	190	22.6	40
47-2121	Glaziers	80	90	10	12.5	0
47-2130	Insulation Workers	110	130	20	18.2	0
47-2141	Painters, Construction & Maintenance	580	670	90	15.5	20
47-2142	Paperhangers	20	20	0	0.0	0
47-2151	Pipelayers	110	130	20	18.2	0
47-2152	Plumbers, Pipefitters, & Steamfitters	760	900	140	18.4	30
47-2161	Plasterers & Stucco Masons	70	80	10	14.3	0
47-2171	Reinforcing Iron & Rebar Workers	40	50	10	25.0	0
47-2181	Roofers	290	350	60	20.7	20
47-2211	Sheet Metal Workers	340	410	70	20.6	20
47-2221	Structural Iron & Steel Workers	60	80	20	33.3	0
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, & Tile & Marble Setters	140	150	10	7.1	10
47-3012	Helpers--Carpenters	250	300	50	20.0	20

**Northeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
47-3013	Helpers--Electricians	120	140	20	16.7	10
47-3014	Helpers--Painters, Paperhangers, Plasterers, & Stucco Masons	50	60	10	20.0	0
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, & Steamfitters	140	160	20	14.3	10
47-3016	Helpers--Roofers	50	60	10	20.0	0
47-3019	Helpers, Construction Trades, All Other	40	50	10	25.0	0
47-4011	Construction & Building Inspectors	90	110	20	22.2	0
47-4021	Elevator Installers & Repairers	20	20	0	0.0	0
47-4031	Fence Erectors	20	30	10	50.0	0
47-4041	Hazardous Materials Removal Workers	50	70	20	40.0	0
47-4051	Highway Maintenance Workers	290	340	50	17.2	0
47-4061	Rail-Track Laying & Maintenance Equipment Operators	100	120	20	20.0	0
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	30	30	0	0.0	0
47-4999	Construction Trades & Related Workers, All Other	50	60	10	20.0	0
47-5012	Rotary Drill Operators, Oil & Gas	10	10	0	0.0	0
47-5013	Service Unit Operators, Oil, Gas, & Mining	10	10	0	0.0	0
47-5021	Earth Drillers, Except Oil & Gas	20	20	0	0.0	0
47-5041	Continuous Mining Machine Operators	10	10	0	0.0	0
47-5042	Mine Cutting & Channeling Machine Operators	10	10	0	0.0	0
47-5051	Rock Splitters, Quarry	10	10	0	0.0	0
47-5071	Roustabouts, Oil & Gas	20	30	10	50.0	0
47-5081	Helpers--Extraction Workers	40	50	10	25.0	0
47-5099	Extraction Workers, All Other	10	10	0	0.0	0
<b>49-0000</b>	<b>Installation, Maintenance, &amp; Repair Occupations</b>	<b>10,570</b>	<b>12,110</b>	<b>1,540</b>	<b>14.6</b>	<b>370</b>
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, & Repairers	1,030	1,190	160	15.5	50
49-2011	Computer, Automated Teller, & Office Machine Repairers	300	320	20	6.7	0
49-2021	Radio Mechanics	10	10	0	0.0	0
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	180	170	-10	-5.6	0
49-2091	Avionics Technicians	80	80	0	0.0	0
49-2092	Electric Motor, Power Tool, & Related Repairers	60	60	0	0.0	0
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	80	90	10	12.5	0
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	70	80	10	14.3	0
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation, & Relay	60	70	10	16.7	0
49-2096	Electronic Equipment Installers & Repairers, Motor Vehicles	10	10	0	0.0	0
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	120	120	0	0.0	0
49-2098	Security & Fire Alarm Systems Installers	30	40	10	33.3	0
49-3011	Aircraft Mechanics & Service Technicians	130	130	0	0.0	0
49-3021	Automotive Body & Related Repairer	420	480	60	14.3	20
49-3022	Automotive Glass Installers & Repairers	30	30	0	0.0	0
49-3023	Automotive Service Technicians & Mechanics	1,420	1,610	190	13.4	60
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	660	770	110	16.7	30
49-3041	Farm Equipment Mechanics	80	90	10	12.5	0
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	330	360	30	9.1	10
49-3043	Rail Car Repairers	130	150	20	15.4	0



**Northeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
49-3051	Motorboat Mechanics	10	10	0	0.0	0
49-3052	Motorcycle Mechanics	30	40	10	33.3	0
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	50	50	0	0.0	0
49-3091	Bicycle Repairers	20	30	10	50.0	0
49-3092	Recreational Vehicle Service Technicians	10	20	10	100.0	0
49-3093	Tire Repairers & Changers	450	490	40	8.9	20
49-3099	Vehicle & Mobile Equipment Mechanics, Installers, & Repairers, All Other	10	10	0	0.0	0
49-9011	Mechanical Door Repairers	30	30	0	0.0	0
49-9012	Control & Valve Installers & Repairers, Except Mechanical Door	50	60	10	20.0	0
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	430	550	120	27.9	20
49-9031	Home Appliance Repairers	100	100	0	0.0	0
49-9041	Industrial Machinery Mechanics	360	410	50	13.9	20
49-9042	Maintenance & Repair Workers, General	2,380	2,800	420	17.6	90
49-9043	Maintenance Workers, Machinery	140	160	20	14.3	0
49-9044	Millwrights	70	80	10	14.3	0
49-9051	Electrical Power-Line Installers & Repairers	430	500	70	16.3	20
49-9052	Telecommunications Line Installers & Repairers	130	130	0	0.0	0
49-9062	Medical Equipment Repairers	20	20	0	0.0	0
49-9063	Musical Instrument Repairers & Tuners	10	10	0	0.0	0
49-9069	Precision Instrument & Equipment Repairers, All Other	30	30	0	0.0	0
49-9091	Coin, Vending, & Amusement Machine Servicers & Repairers	90	110	20	22.2	0
49-9094	Locksmiths & Safe Repairers	20	30	10	50.0	0
49-9095	Manufactured Building & Mobile Home Installers	40	50	10	25.0	0
49-9096	Riggers	30	40	10	33.3	0
49-9097	Signal & Track Switch Repairers	40	50	10	25.0	0
49-9098	Helpers--Installation, Maintenance, & Repair Workers	190	230	40	21.1	10
49-9099	Installation, Maintenance, & Repair Workers, All Other	170	200	30	17.6	0
<b>51-0000</b>	<b>Production Occupations</b>	<b>16,000</b>	<b>17,130</b>	<b>1,130</b>	<b>7.1</b>	<b>430</b>
51-1011	First-Line Supervisors/Managers of Production & Operating Workers	1,250	1,410	160	12.8	50
51-2011	Aircraft Structure, Surfaces, Rigging, & Systems Assemblers	10	10	0	0.0	0
51-2021	Coil Winders, Tapers, & Finishers	10	10	0	0.0	0
51-2022	Electrical & Electronic Equipment Assemblers	290	260	-30	-10.3	10
51-2023	Electromechanical Equipment Assemblers	20	20	0	0.0	0
51-2031	Engine & Other Machine Assemblers	100	100	0	0.0	0
51-2041	Structural Metal Fabricators & Fitters	140	140	0	0.0	0
51-2091	Fiberglass Laminators & Fabricators	50	50	0	0.0	0
51-2092	Team Assemblers	2,180	2,140	-40	-1.8	60
51-2099	Assemblers & Fabricators, All Other	210	200	-10	-4.8	10
51-3011	Bakers	190	220	30	15.8	0
51-3021	Butchers & Meat Cutters	210	210	0	0.0	10
51-3022	Meat, Poultry, & Fish Cutters & Trimmers	210	220	10	4.8	10
51-3023	Slaughterers & Meat Packers	180	190	10	5.6	0
51-3091	Food & Tobacco Roasting, Baking, & Drying Machine Operators & Tenders	30	40	10	33.3	0

**Northeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
51-3092	Food Batchmakers	190	210	20	10.5	10
51-3093	Food Cooking Machine Operators & Tenders	100	110	10	10.0	0
51-3099	Food Processing Workers, All Other	30	40	10	33.3	0
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	230	260	30	13.0	0
51-4012	Numerical Tool & Process Control Programmers	20	30	10	50.0	0
51-4021	Extruding & Drawing Machine Setters, Operators, & Tenders, Metal & Plastic	100	90	-10	-10.0	0
51-4022	Forging Machine Setters, Operators, & Tenders, Metal & Plastic	50	50	0	0.0	0
51-4023	Rolling Machine Setters, Operators, & Tenders, Metal & Plastic	30	30	0	0.0	0
51-4031	Cutting, Punching, & Press Machine Setters, Operators, & Tenders, Metal & Plastic	250	270	20	8.0	10
51-4032	Drilling & Boring Machine Tool Setters, Operators, & Tenders, Metal & Plastic	40	40	0	0.0	0
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, & Tenders, Metal & Plastic	80	90	10	12.5	0
51-4034	Lathe & Turning Machine Tool Setters, Operators, & Tenders, Metal & Plastic	70	70	0	0.0	0
51-4035	Milling & Planing Machine Setters, Operators, & Tenders, Metal & Plastic	40	40	0	0.0	0
51-4041	Machinists	420	460	40	9.5	10
51-4051	Metal-Refining Furnace Operators & Tenders	10	20	10	100.0	0
51-4052	Pourers & Casters, Metal	30	30	0	0.0	0
51-4061	Model Makers, Metal & Plastic	10	10	0	0.0	0
51-4062	Patternmakers, Metal & Plastic	10	10	0	0.0	0
51-4071	Foundry Mold & Coremakers	80	80	0	0.0	0
51-4072	Molding, Coremaking, & Casting Machine Setters, Operators, & Tenders, Metal & Plastic	140	140	0	0.0	0
51-4081	Multiple Machine Tool Setters, Operators, & Tenders, Metal & Plastic	60	70	10	16.7	0
51-4111	Tool & Die Makers	60	70	10	16.7	0
51-4121	Welders, Cutters, Solderers, & Brazers	750	880	130	17.3	30
51-4122	Welding, Soldering, & Brazing Machine Setters, Operators, & Tenders	40	40	0	0.0	0
51-4191	Heat Treating Equipment Setters, Operators, & Tenders, Metal & Plastic	20	20	0	0.0	0
51-4192	Lay-Out Workers, Metal & Plastic	10	10	0	0.0	0
51-4193	Plating & Coating Machine Setters, Operators, & Tenders, Metal & Plastic	10	20	10	100.0	0
51-4194	Tool Grinders, Filers, & Sharpeners	20	20	0	0.0	0
51-4199	Metal Workers & Plastic Workers, All Other	40	40	0	0.0	0
51-5011	Bindery Workers	140	130	-10	-7.1	0
51-5012	Bookbinders	20	20	0	0.0	0
51-5021	Job Printers	120	130	10	8.3	0
51-5022	Prepress Technicians & Workers	230	210	-20	-8.7	10
51-5023	Printing Machine Operators	410	440	30	7.3	10
51-5099	Printing Workers, All Other	40	50	10	25.0	0
51-6011	Laundry & Dry-Cleaning Workers	450	530	80	17.8	20
51-6021	Pressers, Textile, Garment, & Related Materials	90	110	20	22.2	0
51-6031	Sewing Machine Operators	190	210	20	10.5	0

**Northeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
51-6041	Shoe & Leather Workers & Repairers	10	10	0	0.0	0
51-6051	Sewers, Hand	10	10	0	0.0	0
51-6052	Tailors, Dressmakers, & Custom Sewers	50	50	0	0.0	0
51-6062	Textile Cutting Machine Setters, Operators, & Tenders	10	10	0	0.0	0
51-6064	Textile Winding, Twisting, & Drawing Out Machine Setters, Operators, & Tenders	60	70	10	16.7	0
51-6091	Extruding & Forming Machine Setters, Operators, & Tenders, Synthetic & Glass Fibers	20	20	0	0.0	0
51-6092	Fabric & Apparel Patternmakers	10	10	0	0.0	0
51-6093	Upholsterers	50	50	0	0.0	0
51-6099	Textile, Apparel, & Furnishings Workers, All Other	40	50	10	25.0	0
51-7011	Cabinetmakers & Bench Carpenters	220	230	10	4.5	10
51-7021	Furniture Finishers	70	80	10	14.3	0
51-7032	Patternmakers, Wood	10	10	0	0.0	0
51-7041	Sawing Machine Setters, Operators, & Tenders, Wood	70	70	0	0.0	0
51-7042	Woodworking Machine Setters, Operators, & Tenders, Except Sawing	150	150	0	0.0	0
51-7099	Woodworkers, All Other	10	10	0	0.0	0
51-8012	Power Distributors & Dispatchers	20	20	0	0.0	0
51-8013	Power Plant Operators	130	150	20	15.4	0
51-8021	Stationary Engineers & Boiler Operators	70	80	10	14.3	0
51-8031	Water & Liquid Waste Treatment Plant & System Operators	210	240	30	14.3	10
51-8091	Chemical Plant & System Operators	110	120	10	9.1	0
51-8092	Gas Plant Operators	10	20	10	100.0	0
51-8093	Petroleum Pump System Operators, Refinery Operators, & Gaugers	20	20	0	0.0	0
51-8099	Plant & System Operators, All Other	20	20	0	0.0	0
51-9011	Chemical Equipment Operators & Tenders	60	60	0	0.0	0
51-9012	Separating, Filtering, Clarifying, Precipitating, & Still Machine Setters, Operators, & Tenders	50	60	10	20.0	0
51-9021	Crushing, Grinding, & Polishing Machine Setters, Operators, & Tenders	90	90	0	0.0	0
51-9022	Grinding & Polishing Workers, Hand	110	110	0	0.0	0
51-9023	Mixing & Blending Machine Setters, Operators, & Tenders	290	300	10	3.4	10
51-9031	Cutters & Trimmers, Hand	30	40	10	33.3	0
51-9032	Cutting & Slicing Machine Setters, Operators, & Tenders	170	200	30	17.6	0
51-9041	Extruding, Forming, Pressing, & Compacting Machine Setters, Operators, & Tenders	230	230	0	0.0	10
51-9051	Furnace, Kiln, Oven, Drier, & Kettle Operators & Tenders	120	120	0	0.0	0
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	660	730	70	10.6	30
51-9071	Jewelers & Precious Stone & Metal Workers	40	40	0	0.0	0
51-9081	Dental Laboratory Technicians	160	170	10	6.3	0
51-9082	Medical Appliance Technicians	10	20	10	100.0	0
51-9083	Ophthalmic Laboratory Technicians	60	60	0	0.0	0
51-9111	Packaging & Filling Machine Operators & Tenders	600	700	100	16.7	20
51-9121	Coating, Painting, & Spraying Machine Setters, Operators, & Tenders	160	180	20	12.5	0
51-9122	Painters, Transportation Equipment	60	70	10	16.7	0
51-9123	Painting, Coating, & Decorating Workers	40	50	10	25.0	0
51-9131	Photographic Process Workers	50	50	0	0.0	0
51-9132	Photographic Processing Machine Operators	110	130	20	18.2	0

**Northeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
51-9191	Cementing & Gluing Machine Operators & Tenders	60	60	0	0.0	0
51-9192	Cleaning, Washing, & Metal Pickling Equipment Operators & Tenders	20	20	0	0.0	0
51-9194	Etchers & Engravers	20	20	0	0.0	0
51-9195	Molders, Shapers, & Casters, Except Metal & Plastic	20	20	0	0.0	0
51-9196	Paper Goods Machine Setters, Operators, & Tenders	170	190	20	11.8	0
51-9197	Tire Builders	350	370	20	5.7	10
51-9198	Helpers--Production Workers	730	760	30	4.1	20
51-9199	Production Workers, All Other	440	480	40	9.1	10
<b>53-0000</b>	<b>Transportation &amp; Material Moving Occupations</b>	<b>17,270</b>	<b>19,170</b>	<b>1,900</b>	<b>11.0</b>	<b>540</b>
53-1011	Aircraft Cargo Handling Supervisors	10	10	0	0.0	0
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand	340	380	40	11.8	10
53-1031	First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators	470	510	40	8.5	10
53-2011	Airline Pilots, Copilots, & Flight Engineers					
	Air Traffic Controllers	130	110	-20	-15.4	0
53-2099	Air Transportation Workers, All Other	10	10	0	0.0	0
53-3011	Ambulance Drivers & Attendants, Except Emergency Medical Technicians	20	30	10	50.0	0
53-3021	Bus Drivers, Transit & Intercity	140	170	30	21.4	0
53-3022	Bus Drivers, School	1,310	1,510	200	15.3	50
53-3031	Driver/Sales Workers	1,020	1,080	60	5.9	30
53-3032	Truck Drivers, Heavy & Tractor-Trailer	3,250	3,770	520	16.0	100
53-3033	Truck Drivers, Light or Delivery Services	1,530	1,780	250	16.3	40
53-3041	Taxi Drivers & Chauffeurs	340	410	70	20.6	10
53-3099	Motor Vehicle Operators, All Other	80	90	10	12.5	0
53-4011	Locomotive Engineers	280	350	70	25.0	20
53-4012	Locomotive Firers	10	10	0	0.0	0
53-4021	Railroad Brake, Signal, & Switch Operators	210	210	0	0.0	0
53-4031	Railroad Conductors & Yardmasters	240	300	60	25.0	20
53-4099	Rail Transportation Workers, All Other	20	30	10	50.0	0
53-6021	Parking Lot Attendants	20	20	0	0.0	0
53-6031	Service Station Attendants	240	270	30	12.5	10
53-6041	Traffic Technicians	20	30	10	50.0	0
53-6051	Transportation Inspectors	60	70	10	16.7	0
53-6099	Transportation Workers, All Other	20	20	0	0.0	0
53-7011	Conveyor Operators & Tenders	130	140	10	7.7	0
53-7021	Crane & Tower Operators	70	80	10	14.3	0
53-7031	Dredge Operators	10	10	0	0.0	0
53-7032	Excavating & Loading Machine & Dragline Operators	80	100	20	25.0	0
53-7041	Hoist & Winch Operators	10	10	0	0.0	0
53-7051	Industrial Truck & Tractor Operators	1,210	1,350	140	11.6	30
53-7061	Cleaners of Vehicles & Equipment	570	630	60	10.5	30
53-7062	Laborers & Freight, Stock, & Material Movers, Hand	3,190	3,200	10	0.3	100
53-7063	Machine Feeders & Offbearers	260	260	0	0.0	10
53-7064	Packers & Packagers, Hand	1,610	1,800	190	11.8	50
53-7071	Gas Compressor & Gas Pumping Station Operators	10	10	0	0.0	0
53-7072	Pump Operators, Except Wellhead Pumpers	10	10	0	0.0	0
53-7073	Wellhead Pumpers	10	10	0	0.0	0

**Northeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
53-7081	Refuse & Recyclable Material Collectors	210	250	40	19.0	10
53-7121	Tank Car, Truck, & Ship Loaders	20	20	0	0.0	0
53-7199	Material Moving Workers, All Other	60	70	10	16.7	0

Footnotes:

1 *Average Annual Employment* in the 2002 and 2012 columns may not add due to suppression and rounding.

2 The net employment increase and net replacements were calculated together to create *Total Annual Openings*. If net employment change is negative, job openings due to growth are zero and total job openings equal net replacements. Turnover rates are not included in this data. Total Annual Openings may not add due to suppression and rounding.

## **North Central Region**

## North Central Kansas Region Occupational Trends

In 2002, total occupational employment was 128,260 and is projected to reach 143,860 in 2012, or 12.2 percent growth over the period. The largest major occupational group for the North Central region in 2002 was the **Management** occupational group with an employment level of 19,180. The same occupational group is projected to be the largest in the year 2012, employing 19,350. The **Office and Administrative Support** and **Sales and Related** occupational groups rank second and third, respectively, in employment size for both 2002 and 2012.

The **Education, Training and Library** occupational group is expected to have the largest numerical job growth, 1,830, followed by the **Food Preparation and Serving Related** occupational group, with 1,580. Two occupational groups, **Healthcare Support** and **Education, Training and Library**, will experience the greatest percent change, 25.6 and 24.0 percent respectively.

The greatest number of annual openings are expected in the **Sales and Related** occupational group with 580, followed by the **Food Preparation and Serving Related** occupational group with 530 annual openings. Within the **Sales and Related** occupational group, **cashiers** are projected to have the most annual openings, with 240, followed by **retail salespersons** with 150 annual openings.

**North Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
	<b><u>Total, All North Central Occupations</u></b>	<b><u>128,260</u></b>	<b><u>143,860</u></b>	<b><u>15,600</u></b>	<b><u>12.2</u></b>	<b><u>3,970</u></b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>19,180</b>	<b>19,350</b>	<b>170</b>	<b>0.9</b>	<b>110</b>
11-1011	Chief Executives	430	500	70	16.3	20
11-1021	General & Operations Managers	1,430	1,620	190	13.3	50
11-1031	Legislators	100	110	10	10.0	0
11-2011	Advertising & Promotions Managers	30	40	10	33.3	0
11-2021	Marketing Managers	80	90	10	12.5	0
11-2022	Sales Managers	240	300	60	25.0	0
11-2031	Public Relations Managers	30	30	0	0.0	0
11-3011	Administrative Services Managers	170	190	20	11.8	0
11-3021	Computer & Information Systems Managers	130	160	30	23.1	0
11-3031	Financial Managers	350	400	50	14.3	20
11-3040	Human Resources Managers	100	110	10	10.0	0
11-3051	Industrial Production Managers	180	200	20	11.1	0
11-3061	Purchasing Managers	60	60	0	0.0	0
11-3071	Transportation, Storage, & Distribution Managers	70	90	20	28.6	0
11-9011	Farm, Ranch, & Other Agricultural Managers	180	210	30	16.7	0
11-9012	Farmers & Ranchers	13,820	13,170	-650	-4.7	10
11-9021	Construction Managers	180	210	30	16.7	0
11-9031	Education Administrators, Preschool & Child Care Center/Program	30	40	10	33.3	0
11-9032	Education Administrators, Elementary & Secondary School	250	310	60	24.0	20
11-9033	Education Administrators, Postsecondary	70	80	10	14.3	0
11-9039	Education Administrators, All Other	10	10	0	0.0	0
11-9041	Engineering Managers	110	120	10	9.1	0
11-9051	Food Service Managers	220	260	40	18.2	0
11-9061	Funeral Directors	90	100	10	11.1	0
11-9081	Lodging Managers	20	20	0	0.0	0
11-9111	Medical & Health Services Managers	240	310	70	29.2	20
11-9121	Natural Sciences Managers	10	10	0	0.0	0
11-9131	Postmasters & Mail Superintendents	50	60	10	20.0	0
11-9141	Property, Real Estate, & Community Association Managers	60	70	10	16.7	0
11-9151	Social & Community Service Managers	70	80	10	14.3	0
11-9199	Managers, All Other	370	390	20	5.4	10
<b>13-0000</b>	<b>Business &amp; Financial Operations Occupations</b>	<b>3,220</b>	<b>3,790</b>	<b>570</b>	<b>17.7</b>	<b>100</b>
13-1021	Purchasing Agents & Buyers, Farm Products	30	40	10	33.3	0
13-1022	Wholesale & Retail Buyers, Except Farm Products	120	130	10	8.3	0
13-1023	Purchasing Agents, Except Wholesale, Retail, & Farm Products	200	240	40	20.0	10
13-1031	Claims Adjusters, Examiners, & Investigators	80	90	10	12.5	0
13-1041	Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation	160	160	0	0.0	0
13-1051	Cost Estimators	180	220	40	22.2	0
13-1061	Emergency Management Specialists	10	10	0	0.0	0
13-1071	Employment, Recruitment, & Placement Specialists	70	80	10	14.3	0
13-1072	Compensation, Benefits, & Job Analysis Specialists	50	60	10	20.0	0
13-1073	Training & Development Specialists	110	140	30	27.3	0
13-1111	Management Analysts	230	260	30	13.0	0
13-1121	Meeting & Convention Planners	30	40	10	33.3	0
13-1199	Business Operations Specialists, All Other	440	530	90	20.5	20



**North Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
13-2011	Accountants & Auditors	760	930	170	22.4	30
13-2021	Appraisers & Assessors of Real Estate	70	80	10	14.3	0
13-2031	Budget Analysts	20	20	0	0.0	0
13-2041	Credit Analysts	40	40	0	0.0	0
13-2051	Financial Analysts	90	100	10	11.1	0
13-2052	Personal Financial Advisors	60	70	10	16.7	0
13-2053	Insurance Underwriters	30	40	10	33.3	0
13-2061	Financial Examiners	10	10	0	0.0	0
13-2071	Loan Counselors	10	10	0	0.0	0
13-2072	Loan Officers	290	320	30	10.3	10
13-2081	Tax Examiners, Collectors, & Revenue Agents	30	30	0	0.0	0
13-2082	Tax Preparers	60	80	20	33.3	0
13-2099	Financial Specialists, All Other	40	50	10	25.0	0
<b>15-0000</b>	<b>Computer &amp; Mathematical Occupations</b>	<b>1,360</b>	<b>1,620</b>	<b>260</b>	<b>19.1</b>	<b>40</b>
15-1021	Computer Programmers	210	210	0	0.0	10
15-1031	Computer Software Engineers, Applications	140	160	20	14.3	0
15-1032	Computer Software Engineers, Systems Software	60	70	10	16.7	0
15-1041	Computer Support Specialists	290	350	60	20.7	10
15-1051	Computer Systems Analysts	250	300	50	20.0	10
15-1061	Database Administrators	40	60	20	50.0	0
15-1071	Network & Computer Systems Administrators	180	240	60	33.3	10
15-1081	Network Systems & Data Communications Analysts	90	120	30	33.3	0
15-1099	Computer Specialists, All Other	40	50	10	25.0	0
15-2011	Actuaries	10	10	0	0.0	0
15-2031	Operations Research Analysts	50	50	0	0.0	0
<b>17-0000</b>	<b>Architecture &amp; Engineering Occupations</b>	<b>1,360</b>	<b>1,570</b>	<b>210</b>	<b>15.4</b>	<b>30</b>
17-1011	Architects, Except Landscape & Naval	40	60	20	50.0	0
17-1012	Landscape Architects	10	10	0	0.0	0
17-1021	Cartographers & Photogrammetrists	20	30	10	50.0	0
17-1022	Surveyors	20	30	10	50.0	0
17-2011	Aerospace Engineers	50	60	10	20.0	0
17-2041	Chemical Engineers	20	30	10	50.0	0
17-2051	Civil Engineers	100	120	20	20.0	0
17-2061	Computer Hardware Engineers	10	20	10	100.0	0
17-2071	Electrical Engineers	90	100	10	11.1	0
17-2072	Electronics Engineers, Except Computer	90	90	0	0.0	0
17-2081	Environmental Engineers	20	20	0	0.0	0
17-2111	Health & Safety Engineers, Except Mining Safety Engineers & Inspectors	10	10	0	0.0	0
17-2112	Industrial Engineers	90	110	20	22.2	0
17-2131	Materials Engineers	10	10	0	0.0	0
17-2141	Mechanical Engineers	190	210	20	10.5	10
17-2199	Engineers, All Other	70	80	10	14.3	0
17-3011	Architectural & Civil Drafters	50	60	10	20.0	0
17-3012	Electrical & Electronics Drafters	20	20	0	0.0	0
17-3013	Mechanical Drafters	90	90	0	0.0	0
17-3021	Aerospace Engineering & Operations Technicians	10	10	0	0.0	0
17-3022	Civil Engineering Technicians	130	140	10	7.7	0
17-3023	Electrical & Electronic Engineering Technicians	70	80	10	14.3	0
17-3024	Electro-Mechanical Technicians	10	10	0	0.0	0

**North Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
17-3026	Industrial Engineering Technicians	40	40	0	0.0	0
17-3027	Mechanical Engineering Technicians	30	40	10	33.3	0
17-3031	Surveying & Mapping Technicians	30	40	10	33.3	0
17-3099	Drafters, Engineering, & Mapping Technicians, All Other	40	50	10	25.0	0
<b>19-0000</b>	<b>Life, Physical, &amp; Social Science Occupations</b>	<b>550</b>	<b>650</b>	<b>100</b>	<b>18.2</b>	<b>10</b>
19-1010	Agricultural & Food Scientists	20	30	10	50.0	0
19-1022	Microbiologists	10	10	0	0.0	0
19-1023	Zoologists & Wildlife Biologists	10	10	0	0.0	0
19-1031	Conservation Scientists	10	10	0	0.0	0
19-1042	Medical Scientists, Except Epidemiologists	10	20	10	100.0	0
19-1099	Life Scientists, All Other	10	10	0	0.0	0
19-2031	Chemists	40	40	0	0.0	0
19-2041	Environmental Scientists & Specialists, Including Health	50	50	0	0.0	0
19-2042	Geoscientists, Except Hydrologists & Geographers	10	10	0	0.0	0
19-2099	Physical Scientists, All Other	10	10	0	0.0	0
19-3021	Market Research Analysts	80	90	10	12.5	0
19-3022	Survey Researchers	20	20	0	0.0	0
19-3031	Clinical, Counseling, & School Psychologists	120	150	30	25.0	0
19-3051	Urban & Regional Planners	10	10	0	0.0	0
19-3099	Social Scientists & Related Workers, All Other	20	20	0	0.0	0
19-4011	Agricultural & Food Science Technicians	10	10	0	0.0	0
19-4021	Biological Technicians	10	10	0	0.0	0
19-4031	Chemical Technicians	40	50	10	25.0	0
19-4091	Environmental Science & Protection Technicians, Including Health	20	30	10	50.0	0
19-4093	Forest & Conservation Technicians	10	10	0	0.0	0
19-4099	Life, Physical, & Social Science Technicians, All Other	30	40	10	33.3	0
<b>21-0000</b>	<b>Community &amp; Social Services Occupations</b>	<b>2,180</b>	<b>2,580</b>	<b>400</b>	<b>18.3</b>	<b>60</b>
21-1011	Substance Abuse & Behavioral Disorder Counselors	30	30	0	0.0	0
21-1012	Educational, Vocational, & School Counselors	190	220	30	15.8	0
21-1013	Marriage & Family Therapists	30	30	0	0.0	0
21-1014	Mental Health Counselors	50	60	10	20.0	0
21-1015	Rehabilitation Counselors	110	130	20	18.2	0
21-1021	Child, Family, & School Social Workers	160	190	30	18.8	0
21-1022	Medical & Public Health Social Workers	100	130	30	30.0	0
21-1023	Mental Health & Substance Abuse Social Workers	120	140	20	16.7	0
21-1091	Health Educators	20	20	0	0.0	0
21-1092	Probation Officers & Correctional Treatment Specialists	80	90	10	12.5	0
21-1093	Social & Human Service Assistants	400	500	100	25.0	20
21-2011	Clergy	590	660	70	11.9	20
21-2021	Directors, Religious Activities & Education	140	170	30	21.4	0
21-9099	Counselors, Social, & Religious Workers, All Other	160	210	50	31.3	10
<b>23-0000</b>	<b>Legal Occupations</b>	<b>570</b>	<b>670</b>	<b>100</b>	<b>17.5</b>	<b>10</b>
23-1011	Lawyers	280	330	50	17.9	10
23-1021	Administrative Law Judges, Adjudicators, & Hearing Officers	10	10	0	0.0	0
23-1023	Judges, Magistrate Judges, & Magistrates	40	40	0	0.0	0
23-2011	Paralegals & Legal Assistants	100	150	50	50.0	10
23-2091	Court Reporters	20	20	0	0.0	0

**North Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
23-2092	Law Clerks	20	20	0	0.0	0
23-2093	Title Examiners, Abstractors, & Searchers	30	30	0	0.0	0
23-9099	Legal & Related Workers, All Other	70	70	0	0.0	0
<b>25-0000</b>	<b>Education, Training, &amp; Library Occupations</b>	<b>7,640</b>	<b>9,470</b>	<b>1,830</b>	<b>24.0</b>	<b>320</b>
25-1011	Business Teachers, Postsecondary	50	70	20	40.0	0
25-1021	Computer Science Teachers, Postsecondary	40	50	10	25.0	0
25-1022	Mathematical Science Teachers, Postsecondary	40	60	20	50.0	0
25-1031	Architecture Teachers, Postsecondary	10	10	0	0.0	0
25-1032	Engineering Teachers, Postsecondary	30	40	10	33.3	0
25-1041	Agricultural Sciences Teachers, Postsecondary	20	30	10	50.0	0
25-1042	Biological Science Teachers, Postsecondary	40	50	10	25.0	0
25-1052	Chemistry Teachers, Postsecondary	10	20	10	100.0	0
25-1054	Physics Teachers, Postsecondary	10	10	0	0.0	0
25-1063	Economics Teachers, Postsecondary	10	20	10	100.0	0
25-1065	Political Science Teachers, Postsecondary	10	10	0	0.0	0
25-1066	Psychology Teachers, Postsecondary	30	30	0	0.0	0
25-1067	Sociology Teachers, Postsecondary	10	20	10	100.0	0
25-1071	Health Specialties Teachers, Postsecondary	40	50	10	25.0	0
25-1072	Nursing Instructors & Teachers, Postsecondary	20	30	10	50.0	0
25-1081	Education Teachers, Postsecondary	30	40	10	33.3	0
25-1082	Library Science Teachers, Postsecondary	10	10	0	0.0	0
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	10	10	0	0.0	0
25-1113	Social Work Teachers, Postsecondary	10	10	0	0.0	0
25-1121	Art, Drama, & Music Teachers, Postsecondary	70	90	20	28.6	0
25-1122	Communications Teachers, Postsecondary	20	30	10	50.0	0
25-1123	English Language & Literature Teachers, Postsecondary	50	70	20	40.0	0
25-1124	Foreign Language & Literature Teachers, Postsecondary	30	40	10	33.3	0
25-1125	History Teachers, Postsecondary	20	30	10	50.0	0
25-1126	Philosophy & Religion Teachers, Postsecondary	10	20	10	100.0	0
25-1191	Graduate Teaching Assistants	20	20	0	0.0	0
25-1192	Home Economics Teachers, Postsecondary	10	10	0	0.0	0
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	20	20	0	0.0	0
25-1194	Vocational Education Teachers, Postsecondary	70	90	20	28.6	0
25-1199	Postsecondary Teachers, All Other	130	160	30	23.1	0
25-2011	Preschool Teachers, Except Special Education	160	190	30	18.8	0
25-2012	Kindergarten Teachers, Except Special Education	170	220	50	29.4	10
25-2021	Elementary School Teachers, Except Special Education	1,830	2,170	340	18.6	70
25-2022	Middle School Teachers, Except Special & Vocational Education	860	960	100	11.6	30
25-2023	Vocational Education Teachers, Middle School	20	20	0	0.0	0
25-2031	Secondary School Teachers, Except Special & Vocational Education	1,260	1,530	270	21.4	70
25-2032	Vocational Education Teachers, Secondary School	190	210	20	10.5	10
25-2041	Special Education Teachers, Preschool, Kindergarten, & Elementary School	260	350	90	34.6	20
25-2042	Special Education Teachers, Middle School	120	160	40	33.3	0
25-2043	Special Education Teachers, Secondary School	180	250	70	38.9	10
25-3011	Adult Literacy, Remedial Education, & GED Teachers & Instructors	60	70	10	16.7	0
25-3021	Self-Enrichment Education Teachers	110	140	30	27.3	0

**North Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
25-3999	Teachers, Primary, Secondary, & Adult, All Other	630	910	280	44.4	40
25-4010	Archivists, Curators, & Museum Technicians	40	40	0	0.0	0
25-4021	Librarians	160	180	20	12.5	0
25-4031	Library Technicians	110	140	30	27.3	0
25-9021	Farm & Home Management Advisors	20	20	0	0.0	0
25-9031	Instructional Coordinators	90	120	30	33.3	0
25-9041	Teacher Assistants	480	600	120	25.0	20
25-9199	Library, Museum, Training, & Other Education Workers, All Other	10	10	0	0.0	0
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, &amp; Media Occupations</b>	<b>1,410</b>	<b>1,580</b>	<b>170</b>	<b>12.1</b>	<b>20</b>
27-1011	Art Directors	10	10	0	0.0	0
27-1014	Multi-Media Artists & Animators	20	20	0	0.0	0
27-1021	Commercial & Industrial Designers	20	20	0	0.0	0
27-1023	Floral Designers	120	140	20	16.7	0
27-1024	Graphic Designers	90	110	20	22.2	0
27-1025	Interior Designers	30	30	0	0.0	0
27-1026	Merchandise Displayers & Window Trimmers	40	50	10	25.0	0
27-1099	Art & Design Workers, All Other	40	40	0	0.0	0
27-2011	Actors	10	10	0	0.0	0
27-2012	Producers & Directors	20	20	0	0.0	0
27-2022	Coaches & Scouts	230	280	50	21.7	10
27-2023	Umpires, Referees, & Other Sports Officials	40	40	0	0.0	0
27-2031	Dancers	10	10	0	0.0	0
27-2032	Choreographers	30	40	10	33.3	0
27-2041	Music Directors & Composers	50	50	0	0.0	0
27-2042	Musicians & Singers	120	140	20	16.7	0
27-3010	Announcers	50	40	-10	-20.0	0
27-3020	News Analysts, Reporters & Correspondents	50	50	0	0.0	0
27-3031	Public Relations Specialists	120	150	30	25.0	0
27-3041	Editors	70	80	10	14.3	0
27-3042	Technical Writers	20	20	0	0.0	0
27-3043	Writers & Authors	60	60	0	0.0	0
27-3091	Interpreters & Translators	20	20	0	0.0	0
27-3099	Media & Communication Workers, All Other	20	20	0	0.0	0
27-4011	Audio & Video Equipment Technicians	10	10	0	0.0	0
27-4012	Broadcast Technicians	20	20	0	0.0	0
27-4021	Photographers	60	60	0	0.0	0
27-4031	Camera Operators, Television, Video, & Motion Picture	10	10	0	0.0	0
27-4032	Film & Video Editors	10	10	0	0.0	0
27-4099	Media & Communication Equipment Workers, All Other	10	10	0	0.0	0
<b>29-0000</b>	<b>Healthcare Practitioners &amp; Technical Occupations</b>	<b>6,320</b>	<b>7,740</b>	<b>1,420</b>	<b>22.5</b>	<b>210</b>
29-1011	Chiropractors	50	50	0	0.0	0
29-1020	Dentists	100	100	0	0.0	0
29-1031	Dietitians & Nutritionists	40	40	0	0.0	0
29-1041	Optometrists	30	30	0	0.0	0
29-1051	Pharmacists	160	220	60	37.5	10
29-1061	Anesthesiologists	70	70	0	0.0	0
29-1062	Family & General Practitioners	170	180	10	5.9	0
29-1063	Internists, General	60	70	10	16.7	0

**North Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
29-1064	Obstetricians & Gynecologists	40	40	0	0.0	0
29-1065	Pediatricians, General	50	60	10	20.0	0
29-1066	Psychiatrists	70	70	0	0.0	0
29-1067	Surgeons	140	160	20	14.3	0
29-1069	Physicians & Surgeons, All Other	60	70	10	16.7	0
29-1071	Physician Assistants	50	70	20	40.0	0
29-1081	Podiatrists	10	10	0	0.0	0
29-1111	Registered Nurses	2,390	3,060	670	28.0	120
29-1122	Occupational Therapists	80	100	20	25.0	0
29-1123	Physical Therapists	100	130	30	30.0	0
29-1124	Radiation Therapists	10	10	0	0.0	0
29-1125	Recreational Therapists	30	30	0	0.0	0
29-1126	Respiratory Therapists	120	160	40	33.3	0
29-1127	Speech-Language Pathologists	100	130	30	30.0	0
29-1131	Veterinarians	80	80	0	0.0	0
29-1199	Health Diagnosing & Treating Practitioners, All Other	50	60	10	20.0	0
29-2011	Medical & Clinical Laboratory Technologists	140	160	20	14.3	0
29-2012	Medical & Clinical Laboratory Technician	120	140	20	16.7	0
29-2021	Dental Hygienists	130	170	40	30.8	0
29-2031	Cardiovascular Technologists & Technicians	50	60	10	20.0	0
29-2032	Diagnostic Medical Sonographers	40	50	10	25.0	0
29-2033	Nuclear Medicine Technologists	10	20	10	100.0	0
29-2034	Radiologic Technologists & Technicians	150	180	30	20.0	0
29-2041	Emergency Medical Technicians & Paramedics	220	260	40	18.2	0
29-2051	Dietetic Technicians	20	30	10	50.0	0
29-2052	Pharmacy Technicians	140	180	40	28.6	0
29-2053	Psychiatric Technicians	30	30	0	0.0	0
29-2054	Respiratory Therapy Technicians	20	30	10	50.0	0
29-2055	Surgical Technologists	60	80	20	33.3	0
29-2056	Veterinary Technologists & Technicians	30	40	10	33.3	0
29-2061	Licensed Practical & Licensed Vocational Nurses	710	810	100	14.1	30
29-2071	Medical Records & Health Information Technicians	200	290	90	45.0	10
29-2081	Opticians, Dispensing	70	70	0	0.0	0
29-9010	Occupational Health & Safety Specialists & Technicians	30	30	0	0.0	0
29-9091	Athletic Trainers	20	20	0	0.0	0
29-9199	Health Professionals & Technicians, All Other	70	90	20	28.6	0
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>3,910</b>	<b>4,910</b>	<b>1,000</b>	<b>25.6</b>	<b>160</b>
31-1011	Home Health Aides	360	470	110	30.6	20
31-1012	Nursing Aides, Orderlies, & Attendants	2,410	2,970	560	23.2	90
31-1013	Psychiatric Aides	150	180	30	20.0	0
31-2011	Occupational Therapist Assistants	20	20	0	0.0	0
31-2021	Physical Therapist Assistants	80	100	20	25.0	0
31-2022	Physical Therapist Aides	40	50	10	25.0	0
31-9011	Massage Therapists	20	30	10	50.0	0
31-9091	Dental Assistants	250	330	80	32.0	20
31-9092	Medical Assistants	260	380	120	46.2	20
31-9093	Medical Equipment Preparers	30	40	10	33.3	0
31-9094	Medical Transcriptionists	100	110	10	10.0	0
31-9095	Pharmacy Aides	40	50	10	25.0	0
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	70	90	20	28.6	0
31-9099	Healthcare Support Workers, All Other	80	90	10	12.5	0

**North Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>2,120</b>	<b>2,360</b>	<b>240</b>	<b>11.3</b>	<b>80</b>
33-1011	First-Line Supervisors/Managers of Correctional Officers	20	20	0	0.0	0
33-1012	First-Line Supervisors/Managers of Police & Detectives	140	150	10	7.1	10
33-1021	First-Line Supervisors/Managers of Fire Fighting & Prevention Workers	60	70	10	16.7	0
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	20	20	0	0.0	0
33-2011	Fire Fighters	260	300	40	15.4	10
33-2021	Fire Inspectors & Investigators	10	10	0	0.0	0
33-3011	Bailiffs	10	10	0	0.0	0
33-3012	Correctional Officers & Jailers	390	400	10	2.6	10
33-3021	Detectives & Criminal Investigators	60	60	0	0.0	0
33-3051	Police & Sheriff's Patrol Officers	550	620	70	12.7	20
33-9011	Animal Control Workers	20	20	0	0.0	0
33-9021	Private Detectives & Investigators	10	20	10	100.0	0
33-9032	Security Guards	360	410	50	13.9	20
33-9091	Crossing Guards	50	50	0	0.0	0
33-9099	Protective Service Workers, All Other	160	190	30	18.8	10
<b>35-0000</b>	<b>Food Preparation &amp; Serving Related Occupations</b>	<b>9,400</b>	<b>10,980</b>	<b>1,580</b>	<b>16.8</b>	<b>530</b>
35-1011	Chefs & Head Cooks	80	100	20	25.0	0
35-1012	First-Line Supervisors/Managers of Food Preparation & Serving Workers	820	970	150	18.3	40
35-2011	Cooks, Fast Food	720	790	70	9.7	30
35-2012	Cooks, Institution & Cafeteria	800	810	10	1.3	30
35-2014	Cooks, Restaurant	520	610	90	17.3	30
35-2015	Cooks, Short Order	260	290	30	11.5	10
35-2021	Food Preparation Workers	880	1,060	180	20.5	50
35-3011	Bartenders	350	390	40	11.4	10
35-3021	Combined Food Preparation & Serving Workers, Including Fast Food	1,900	2,390	490	25.8	130
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee Shop	330	390	60	18.2	30
35-3031	Waiters & Waitresses	1,730	2,040	310	17.9	120
35-3041	Food Servers, Nonrestaurant	190	210	20	10.5	10
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	210	240	30	14.3	10
35-9021	Dishwashers	340	370	30	8.8	10
35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	220	260	40	18.2	10
35-9099	Food Preparation & Serving Related Workers, All Other	50	50	0	0.0	0
<b>37-0000</b>	<b>Building &amp; Grounds Cleaning &amp; Maintenance Occupations</b>	<b>4,100</b>	<b>4,930</b>	<b>830</b>	<b>20.2</b>	<b>160</b>
37-1011	First-Line Supervisors/Managers of Housekeeping & Janitorial Workers	190	220	30	15.8	0
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, & Groundskeeping Workers	80	100	20	25.0	0
37-2011	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	1,920	2,310	390	20.3	80
37-2012	Maids & Housekeeping Cleaners	990	1,180	190	19.2	40
37-2021	Pest Control Workers	40	40	0	0.0	0
37-3011	Landscaping & Groundskeeping Workers	800	990	190	23.8	40

**North Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
37-3012	Pesticide Handlers, Sprayers, & Applicators, Vegetation	50	60	10	20.0	0
37-3013	Tree Trimmers & Pruners	10	10	0	0.0	0
37-9099	Building & Grounds Cleaning & Maintenance Workers, All Other	20	20	0	0.0	0
<b>39-0000</b>	<b>Personal Care &amp; Service Occupations</b>	<b>3,320</b>	<b>3,960</b>	<b>640</b>	<b>19.3</b>	<b>130</b>
39-1012	Slot Key Persons	10	10	0	0.0	0
39-1021	First-Line Supervisors/Managers of Personal Service Workers	140	160	20	14.3	0
39-2011	Animal Trainers	10	10	0	0.0	0
39-2021	Nonfarm Animal Caretakers	90	120	30	33.3	0
39-3011	Gaming Dealers	10	20	10	100.0	0
39-3012	Gaming & Sports Book Writers & Runners	20	30	10	50.0	0
39-3021	Motion Picture Projectionists	10	10	0	0.0	0
39-3031	Ushers, Lobby Attendants, & Ticket Takers	90	90	0	0.0	10
39-3091	Amusement & Recreation Attendants	160	180	20	12.5	10
39-3093	Locker Room, Coatroom, & Dressing Room Attendants	20	30	10	50.0	0
39-3199	Gaming Workers, All Other	30	40	10	33.3	0
39-4011	Embalmers	60	70	10	16.7	0
39-4021	Funeral Attendants	20	30	10	50.0	0
39-5011	Barbers	70	80	10	14.3	0
39-5012	Hairdressers, Hairstylists, & Cosmetologists	560	600	40	7.1	10
39-5092	Manicurists & Pedicurists	30	40	10	33.3	0
39-5093	Shampooers	20	20	0	0.0	0
39-5094	Skin Care Specialists	30	30	0	0.0	0
39-6011	Baggage Porters & Bellhops	10	10	0	0.0	0
39-6021	Tour Guides & Escorts	30	40	10	33.3	0
39-6032	Transportation Attendants, Except Flight Attendants & Baggage Porters	20	30	10	50.0	0
39-9011	Child Care Workers	730	850	120	16.4	30
39-9021	Personal & Home Care Aides	720	900	180	25.0	30
39-9031	Fitness Trainers & Aerobics Instructors	170	220	50	29.4	10
39-9032	Recreation Workers	210	260	50	23.8	20
39-9041	Residential Advisors	30	40	10	33.3	0
39-9099	Personal Care & Service Workers, All Other	20	30	10	50.0	0
<b>41-0000</b>	<b>Sales &amp; Related Occupations</b>	<b>12,480</b>	<b>14,040</b>	<b>1,560</b>	<b>12.5</b>	<b>580</b>
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,200	1,360	160	13.3	40
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	320	370	50	15.6	20
41-2011	Cashiers	3,590	4,140	550	15.3	240
41-2012	Gaming Change Persons & Booth Cashiers	10	10	0	0.0	0
41-2021	Counter & Rental Clerks	270	330	60	22.2	20
41-2022	Parts Salespersons	250	240	-10	-4.0	10
41-2031	Retail Salespersons	2,900	3,280	380	13.1	150
41-3011	Advertising Sales Agents	90	110	20	22.2	0
41-3021	Insurance Sales Agents	880	890	10	1.1	20
41-3031	Securities, Commodities, & Financial Services Sales Agents	130	140	10	7.7	0
41-3041	Travel Agents	20	30	10	50.0	0
41-4011	Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	260	290	30	11.5	10

**North Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
41-4012	Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	1,280	1,460	180	14.1	50
41-9011	Demonstrators & Product Promoters	50	60	10	20.0	0
41-9021	Real Estate Brokers	130	140	10	7.7	0
41-9022	Real Estate Sales Agents	380	380	0	0.0	10
41-9031	Sales Engineers	50	60	10	20.0	0
41-9041	Telemarketers	230	250	20	8.7	0
41-9091	Door-To-Door Sales Workers, News & Street Vendors, & Related Workers	30	30	0	0.0	0
41-9099	Sales & Related Workers, All Other	410	470	60	14.6	20
<b>43-0000</b>	<b>Office &amp; Administrative Support Occupations</b>	<b>17,390</b>	<b>18,530</b>	<b>1,140</b>	<b>6.6</b>	<b>500</b>
43-1011	First-Line Supervisors/Managers of Office & Administrative Support Workers	1,130	1,190	60	5.3	30
43-2011	Switchboard Operators, Including Answering Service	160	160	0	0.0	0
43-3011	Bill & Account Collectors	270	340	70	25.9	20
43-3021	Billing & Posting Clerks & Machine Operators	460	480	20	4.3	10
43-3031	Bookkeeping, Accounting, & Auditing Clerks	1,690	1,770	80	4.7	40
43-3041	Gaming Cage Workers	10	10	0	0.0	0
43-3051	Payroll & Timekeeping Clerks	170	190	20	11.8	10
43-3061	Procurement Clerks	60	60	0	0.0	0
43-3071	Tellers	710	770	60	8.5	50
43-4011	Brokerage Clerks	10	10	0	0.0	0
43-4021	Correspondence Clerks	20	20	0	0.0	0
43-4031	Court, Municipal, & License Clerks	130	140	10	7.7	0
43-4041	Credit Authorizers, Checkers, & Clerks	30	20	-10	-33.3	0
43-4051	Customer Service Representatives	1,280	1,510	230	18.0	40
43-4061	Eligibility Interviewers, Government Programs	50	60	10	20.0	0
43-4071	File Clerks	180	180	0	0.0	10
43-4081	Hotel, Motel, & Resort Desk Clerks	150	190	40	26.7	10
43-4111	Interviewers, Except Eligibility & Loan	150	180	30	20.0	0
43-4121	Library Assistants, Clerical	130	150	20	15.4	10
43-4131	Loan Interviewers & Clerks	140	110	-30	-21.4	0
43-4141	New Accounts Clerks	110	120	10	9.1	0
43-4151	Order Clerks	260	230	-30	-11.5	10
43-4161	Human Resources Assistants, Except Payroll & Timekeeping	100	120	20	20.0	0
43-4171	Receptionists & Information Clerks	750	920	170	22.7	40
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	60	80	20	33.3	0
43-4999	Financial, Information, & Record Clerks, All Other	160	160	0	0.0	0
43-5011	Cargo & Freight Agents	90	90	0	0.0	0
43-5021	Couriers & Messengers	60	60	0	0.0	0
43-5031	Police, Fire, & Ambulance Dispatchers	120	130	10	8.3	0
43-5032	Dispatchers, Except Police, Fire, & Ambulance	90	100	10	11.1	0
43-5041	Meter Readers, Utilities	50	50	0	0.0	0
43-5051	Postal Service Clerks	70	80	10	14.3	0
43-5052	Postal Service Mail Carriers	320	400	80	25.0	20
43-5053	Postal Service Mail Sorters, Processors, & Processing Machine Operators	160	180	20	12.5	0
43-5061	Production, Planning, & Expediting Clerks	200	240	40	20.0	10
43-5071	Shipping, Receiving, & Traffic Clerks	620	630	10	1.6	10



**North Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
43-5081	Stock Clerks & Order Fillers	1,350	1,300	-50	-3.7	50
43-5111	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	60	70	10	16.7	0
43-5199	Material Recording, Scheduling, Dispatching, & Distributing Workers, All Other	10	10	0	0.0	0
43-6011	Executive Secretaries & Administrative Assistants	1,230	1,280	50	4.1	30
43-6012	Legal Secretaries	110	150	40	36.4	0
43-6013	Medical Secretaries	210	230	20	9.5	0
43-6014	Secretaries, Except Legal, Medical, & Executive	1,490	1,460	-30	-2.0	30
43-9011	Computer Operators	80	70	-10	-12.5	0
43-9021	Data Entry Keyers	240	230	-10	-4.2	10
43-9022	Word Processors & Typists	50	40	-10	-20.0	0
43-9031	Desktop Publishers	20	30	10	50.0	0
43-9041	Insurance Claims & Policy Processing Clerks	60	60	0	0.0	0
43-9051	Mail Clerks & Mail Machine Operators, Except Postal Service	70	70	0	0.0	0
43-9061	Office Clerks, General	2,090	2,230	140	6.7	60
43-9071	Office Machine Operators, Except Computer	50	40	-10	-20.0	0
43-9081	Proofreaders & Copy Markers	10	10	0	0.0	0
43-9999	Secretaries, Administrative Assistants, & Other Office Support Workers, All Other	110	120	10	9.1	0
<b>45-0000</b>	<b>Farming, Fishing, &amp; Forestry Occupations</b>	<b>960</b>	<b>1,100</b>	<b>140</b>	<b>14.6</b>	<b>30</b>
45-1011	First-Line Supervisors/Managers of Farming, Fishing, & Forestry Workers	40	40	0	0.0	0
45-2011	Agricultural Inspectors	20	10	-10	-50.0	0
45-2041	Graders & Sorters, Agricultural Products	60	70	10	16.7	0
45-2091	Agricultural Equipment Operators	180	220	40	22.2	10
45-2092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	440	500	60	13.6	20
45-2093	Farmworkers, Farm & Ranch Animals	140	170	30	21.4	0
45-3011	Fishers & Related Fishing Workers	20	20	0	0.0	0
45-9099	Farming, Fishing, & Forestry Workers, All Other	60	70	10	16.7	0
<b>47-0000</b>	<b>Construction &amp; Extraction Occupations</b>	<b>5,150</b>	<b>6,110</b>	<b>960</b>	<b>18.6</b>	<b>170</b>
47-1011	First-Line Supervisors/Managers of Construction Trades & Extraction Workers	610	720	110	18.0	20
47-2011	Boilermakers	10	10	0	0.0	0
47-2021	Brickmasons & Blockmasons	40	50	10	25.0	0
47-2022	Stonemasons	20	20	0	0.0	0
47-2031	Carpenters	670	800	130	19.4	20
47-2041	Carpet Installers	50	50	0	0.0	0
47-2042	Floor Layers, Except Carpet, Wood, & Hard Tiles	10	10	0	0.0	0
47-2044	Tile & Marble Setters	20	30	10	50.0	0
47-2051	Cement Masons & Concrete Finishers	160	210	50	31.3	10
47-2061	Construction Laborers	790	960	170	21.5	30
47-2071	Paving, Surfacing, & Tamping Equipment Operators	120	140	20	16.7	0
47-2073	Operating Engineers & Other Construction Equipment Operators	610	690	80	13.1	30
47-2081	Drywall & Ceiling Tile Installers	20	30	10	50.0	0
47-2082	Tapers	10	10	0	0.0	0
47-2111	Electricians	400	490	90	22.5	20
47-2121	Glaziers	30	30	0	0.0	0

**North Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
47-2130	Insulation Workers	30	40	10	33.3	0
47-2141	Painters, Construction & Maintenance	160	190	30	18.8	0
47-2151	Pipelayers	30	40	10	33.3	0
47-2152	Plumbers, Pipefitters, & Steamfitters	330	390	60	18.2	20
47-2161	Plasterers & Stucco Masons	20	20	0	0.0	0
47-2171	Reinforcing Iron & Rebar Workers	20	20	0	0.0	0
47-2181	Roofers	100	120	20	20.0	0
47-2211	Sheet Metal Workers	160	190	30	18.8	0
47-2221	Structural Iron & Steel Workers	20	30	10	50.0	0
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, & Tile & Marble Setters	40	40	0	0.0	0
47-3012	Helpers--Carpenters	100	120	20	20.0	0
47-3013	Helpers--Electricians	60	60	0	0.0	0
47-3014	Helpers--Painters, Paperhangers, Plasterers, & Stucco Masons	10	20	10	100.0	0
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, & Steamfitters	60	70	10	16.7	0
47-3016	Helpers--Roofers	20	20	0	0.0	0
47-3019	Helpers, Construction Trades, All Other	20	20	0	0.0	0
47-4011	Construction & Building Inspectors	40	40	0	0.0	0
47-4021	Elevator Installers & Repairers	10	10	0	0.0	0
47-4031	Fence Erectors	10	10	0	0.0	0
47-4041	Hazardous Materials Removal Workers	10	20	10	100.0	0
47-4051	Highway Maintenance Workers	140	160	20	14.3	0
47-4061	Rail-Track Laying & Maintenance Equipment Operators	30	30	0	0.0	0
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	20	20	0	0.0	0
47-4999	Construction Trades & Related Workers, All Other	20	20	0	0.0	0
47-5011	Derrick Operators, Oil & Gas	10	10	0	0.0	0
47-5012	Rotary Drill Operators, Oil & Gas	20	30	10	50.0	0
47-5013	Service Unit Operators, Oil, Gas, & Mining	20	20	0	0.0	0
47-5041	Continuous Mining Machine Operators	10	10	0	0.0	0
47-5051	Rock Splitters, Quarry	10	10	0	0.0	0
47-5071	Roustabouts, Oil & Gas	30	40	10	33.3	0
47-5081	Helpers--Extraction Workers	20	30	10	50.0	0
<b>49-0000</b>	<b>Installation, Maintenance, &amp; Repair Occupations</b>	<b>4,750</b>	<b>5,470</b>	<b>720</b>	<b>15.2</b>	<b>150</b>
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, & Repairers	410	490	80	19.5	20
49-2011	Computer, Automated Teller, & Office Machine Repairers	90	100	10	11.1	0
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	70	60	-10	-14.3	0
49-2091	Avionics Technicians	60	60	0	0.0	0
49-2092	Electric Motor, Power Tool, & Related Repairers	40	40	0	0.0	0
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	20	20	0	0.0	0
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	50	50	0	0.0	0
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation, & Relay	30	30	0	0.0	0
49-2096	Electronic Equipment Installers & Repairers, Motor Vehicles	10	10	0	0.0	0
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	30	30	0	0.0	0

**North Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
49-2098	Security & Fire Alarm Systems Installers	10	10	0	0.0	0
49-3011	Aircraft Mechanics & Service Technicians	60	70	10	16.7	0
49-3021	Automotive Body & Related Repairers	180	210	30	16.7	0
49-3022	Automotive Glass Installers & Repairers	10	10	0	0.0	0
49-3023	Automotive Service Technicians & Mechanics	660	750	90	13.6	30
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	310	360	50	16.1	20
49-3041	Farm Equipment Mechanics	60	60	0	0.0	0
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	130	150	20	15.4	0
49-3043	Rail Car Repairers	40	40	0	0.0	0
49-3051	Motorboat Mechanics	10	10	0	0.0	0
49-3052	Motorcycle Mechanics	20	20	0	0.0	0
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	20	20	0	0.0	0
49-3091	Bicycle Repairers	10	20	10	100.0	0
49-3092	Recreational Vehicle Service Technicians	10	10	0	0.0	0
49-3093	Tire Repairers & Changers	190	210	20	10.5	10
49-9011	Mechanical Door Repairers	10	20	10	100.0	0
49-9012	Control & Valve Installers & Repairers, Except Mechanical Door	20	20	0	0.0	0
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	180	240	60	33.3	10
49-9031	Home Appliance Repairers	30	30	0	0.0	0
49-9041	Industrial Machinery Mechanics	250	290	40	16.0	10
49-9042	Maintenance & Repair Workers, General	1,190	1,400	210	17.6	40
49-9043	Maintenance Workers, Machinery	90	100	10	11.1	0
49-9044	Millwrights	40	50	10	25.0	0
49-9051	Electrical Power-Line Installers & Repairers	110	130	20	18.2	0
49-9052	Telecommunications Line Installers & Repairers	30	30	0	0.0	0
49-9062	Medical Equipment Repairers	10	10	0	0.0	0
49-9063	Musical Instrument Repairers & Tuners	10	10	0	0.0	0
49-9069	Precision Instrument & Equipment Repairers, All Other	10	10	0	0.0	0
49-9091	Coin, Vending, & Amusement Machine Servicers & Repairers	50	60	10	20.0	0
49-9094	Locksmiths & Safe Repairers	10	10	0	0.0	0
49-9095	Manufactured Building & Mobile Home Installers	20	20	0	0.0	0
49-9096	Riggers	10	10	0	0.0	0
49-9097	Signal & Track Switch Repairers	10	20	10	100.0	0
49-9098	Helpers--Installation, Maintenance, & Repair Workers	80	100	20	25.0	0
49-9099	Installation, Maintenance, & Repair Workers, All Other	60	70	10	16.7	0
<b>51-0000</b>	<b>Production Occupations</b>	<b>12,110</b>	<b>12,760</b>	<b>650</b>	<b>5.4</b>	<b>290</b>
51-1011	First-Line Supervisors/Managers of Production & Operating Workers	810	910	100	12.3	30
51-2011	Aircraft Structure, Surfaces, Rigging, & Systems Assemblers	40	40	0	0.0	0
51-2021	Coil Winders, Tapers, & Finishers	20	20	0	0.0	0
51-2022	Electrical & Electronic Equipment Assemblers	380	340	-40	-10.5	10
51-2023	Electromechanical Equipment Assemblers	20	20	0	0.0	0
51-2031	Engine & Other Machine Assemblers	210	210	0	0.0	10
51-2041	Structural Metal Fabricators & Fitters	110	110	0	0.0	0
51-2091	Fiberglass Laminators & Fabricators	10	10	0	0.0	0
51-2092	Team Assemblers	1,690	1,640	-50	-3.0	40

**North Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
51-2099	Assemblers & Fabricators, All Other	110	110	0	0.0	0
51-3011	Bakers	100	120	20	20.0	0
51-3021	Butchers & Meat Cutters	110	100	-10	-9.1	0
51-3022	Meat, Poultry, & Fish Cutters & Trimmers	160	170	10	6.3	0
51-3023	Slaughterers & Meat Packers	160	160	0	0.0	0
51-3091	Food & Tobacco Roasting, Baking, & Drying Machine Operators & Tenders	20	20	0	0.0	0
51-3092	Food Batchmakers	300	330	30	10.0	10
51-3093	Food Cooking Machine Operators & Tenders	200	220	20	10.0	10
51-3099	Food Processing Workers, All Other	20	30	10	50.0	0
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	230	250	20	8.7	0
51-4012	Numerical Tool & Process Control Programmers	30	40	10	33.3	0
51-4021	Extruding & Drawing Machine Setters, Operators, & Tenders, Metal & Plastic	70	70	0	0.0	0
51-4022	Forging Machine Setters, Operators, & Tenders, Metal & Plastic	30	30	0	0.0	0
51-4023	Rolling Machine Setters, Operators, & Tenders, Metal & Plastic	20	20	0	0.0	0
51-4031	Cutting, Punching, & Press Machine Setters, Operators, & Tenders, Metal & Plastic	220	220	0	0.0	10
51-4032	Drilling & Boring Machine Tool Setters, Operators, & Tenders, Metal & Plastic	70	70	0	0.0	0
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, & Tenders, Metal & Plastic	90	90	0	0.0	0
51-4034	Lathe & Turning Machine Tool Setters, Operators, & Tenders, Metal & Plastic	110	120	10	9.1	0
51-4035	Milling & Planing Machine Setters, Operators, & Tenders, Metal & Plastic	40	40	0	0.0	0
51-4041	Machinists	450	480	30	6.7	10
51-4051	Metal-Refining Furnace Operators & Tenders	20	20	0	0.0	0
51-4052	Pourers & Casters, Metal	10	20	10	100.0	0
51-4061	Model Makers, Metal & Plastic	10	10	0	0.0	0
51-4062	Patternmakers, Metal & Plastic	10	10	0	0.0	0
51-4071	Foundry Mold & Coremakers	20	20	0	0.0	0
51-4072	Molding, Coremaking, & Casting Machine Setters, Operators, & Tenders, Metal & Plastic	180	180	0	0.0	0
51-4081	Multiple Machine Tool Setters, Operators, & Tenders, Metal & Plastic	60	70	10	16.7	0
51-4111	Tool & Die Makers	130	130	0	0.0	0
51-4121	Welders, Cutters, Solderers, & Brazers	600	680	80	13.3	30
51-4122	Welding, Soldering, & Brazing Machine Setters, Operators, & Tenders	50	40	-10	-20.0	0
51-4191	Heat Treating Equipment Setters, Operators, & Tenders, Metal & Plastic	20	20	0	0.0	0
51-4192	Lay-Out Workers, Metal & Plastic	10	10	0	0.0	0
51-4193	Plating & Coating Machine Setters, Operators, & Tenders, Metal & Plastic	40	40	0	0.0	0
51-4194	Tool Grinders, Filers, & Sharpeners	20	20	0	0.0	0
51-4199	Metal Workers & Plastic Workers, All Other	50	60	10	20.0	0
51-5011	Bindery Workers	50	50	0	0.0	0

**North Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
51-5012	Bookbinders	10	10	0	0.0	0
51-5021	Job Printers	40	40	0	0.0	0
51-5022	Prepress Technicians & Workers	70	60	-10	-14.3	0
51-5023	Printing Machine Operators	140	150	10	7.1	0
51-5099	Printing Workers, All Other	10	10	0	0.0	0
51-6011	Laundry & Dry-Cleaning Workers	220	250	30	13.6	10
51-6021	Pressers, Textile, Garment, & Related Materials	30	40	10	33.3	0
51-6031	Sewing Machine Operators	140	170	30	21.4	0
51-6052	Tailors, Dressmakers, & Custom Sewers	20	20	0	0.0	0
51-6062	Textile Cutting Machine Setters, Operators, & Tenders	10	10	0	0.0	0
51-6063	Textile Knitting & Weaving Machine Setters, Operators, & Tenders	10	10	0	0.0	0
51-6064	Textile Winding, Twisting, & Drawing Out Machine Setters, Operators, & Tenders	10	10	0	0.0	0
51-6091	Extruding & Forming Machine Setters, Operators, & Tenders, Synthetic & Glass Fibers	20	20	0	0.0	0
51-6093	Upholsterers	20	20	0	0.0	0
51-6099	Textile, Apparel, & Furnishings Workers, All Other	20	30	10	50.0	0
51-7011	Cabinetmakers & Bench Carpenters	120	120	0	0.0	0
51-7021	Furniture Finishers	20	20	0	0.0	0
51-7032	Patternmakers, Wood	20	20	0	0.0	0
51-7041	Sawing Machine Setters, Operators, & Tenders, Wood	40	30	-10	-25.0	0
51-7042	Woodworking Machine Setters, Operators, & Tenders, Except Sawing	70	70	0	0.0	0
51-8012	Power Distributors & Dispatchers	10	10	0	0.0	0
51-8013	Power Plant Operators	40	50	10	25.0	0
51-8021	Stationary Engineers & Boiler Operators	40	40	0	0.0	0
51-8031	Water & Liquid Waste Treatment Plant & System Operators	100	110	10	10.0	0
51-8091	Chemical Plant & System Operators	40	40	0	0.0	0
51-8092	Gas Plant Operators	20	30	10	50.0	0
51-8093	Petroleum Pump System Operators, Refinery Operators, & Gaugers	110	120	10	9.1	0
51-8099	Plant & System Operators, All Other	20	20	0	0.0	0
51-9011	Chemical Equipment Operators & Tenders	20	20	0	0.0	0
51-9012	Separating, Filtering, Clarifying, Precipitating, & Still Machine Setters, Operators, & Tenders	30	40	10	33.3	0
51-9021	Crushing, Grinding, & Polishing Machine Setters, Operators, & Tenders	60	60	0	0.0	0
51-9022	Grinding & Polishing Workers, Hand	60	70	10	16.7	0
51-9023	Mixing & Blending Machine Setters, Operators, & Tenders	540	530	-10	-1.9	10
51-9031	Cutters & Trimmers, Hand	10	20	10	100.0	0
51-9032	Cutting & Slicing Machine Setters, Operators, & Tenders	40	50	10	25.0	0
51-9041	Extruding, Forming, Pressing, & Compacting Machine Setters, Operators, & Tenders	110	110	0	0.0	0
51-9051	Furnace, Kiln, Oven, Drier, & Kettle Operators & Tenders	20	20	0	0.0	0
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	1,100	1,210	110	10.0	40
51-9071	Jewelers & Precious Stone & Metal Workers	10	10	0	0.0	0
51-9081	Dental Laboratory Technicians	50	50	0	0.0	0
51-9083	Ophthalmic Laboratory Technicians	20	20	0	0.0	0
51-9111	Packaging & Filling Machine Operators & Tenders	380	440	60	15.8	20

**North Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
51-9121	Coating, Painting, & Spraying Machine Setters, Operators, & Tenders	170	180	10	5.9	0
51-9122	Painters, Transportation Equipment	40	40	0	0.0	0
51-9123	Painting, Coating, & Decorating Workers	30	40	10	33.3	0
51-9131	Photographic Process Workers	20	20	0	0.0	0
51-9132	Photographic Processing Machine Operators	60	60	0	0.0	0
51-9191	Cementing & Gluing Machine Operators & Tenders	10	10	0	0.0	0
51-9192	Cleaning, Washing, & Metal Pickling Equipment Operators & Tenders	10	10	0	0.0	0
51-9193	Cooling & Freezing Equipment Operators & Tenders	10	10	0	0.0	0
51-9194	Etchers & Engravers	20	20	0	0.0	0
51-9195	Molders, Shapers, & Casters, Except Metal & Plastic	20	20	0	0.0	0
51-9196	Paper Goods Machine Setters, Operators, & Tenders	80	90	10	12.5	0
51-9197	Tire Builders	10	10	0	0.0	0
51-9198	Helpers--Production Workers	430	450	20	4.7	10
51-9199	Production Workers, All Other	220	250	30	13.6	10
<b>53-0000</b>	<b>Transportation &amp; Material Moving Occupations</b>	<b>8,780</b>	<b>9,690</b>	<b>910</b>	<b>10.4</b>	<b>280</b>
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand	160	180	20	12.5	0
53-1031	First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators	200	220	20	10.0	10
53-2011	Airline Pilots, Copilots, & Flight Engineers	10	10	0	0.0	0
53-2012	Commercial Pilots	10	10	0	0.0	0
53-2021	A					
	Ambulance Drivers & Attendants, Except Emergency Medical Technicians	10	10	0	0.0	0
53-3021	Bus Drivers, Transit & Intercity	40	40	0	0.0	0
53-3022	Bus Drivers, School	530	610	80	15.1	20
53-3031	Driver/Sales Workers	480	510	30	6.3	10
53-3032	Truck Drivers, Heavy & Tractor-Trailer	1,880	2,200	320	17.0	60
53-3033	Truck Drivers, Light or Delivery Services	680	800	120	17.6	20
53-3041	Taxi Drivers & Chauffeurs	70	80	10	14.3	0
53-3099	Motor Vehicle Operators, All Other	60	70	10	16.7	0
53-4011	Locomotive Engineers	70	90	20	28.6	0
53-4021	Railroad Brake, Signal, & Switch Operators	60	60	0	0.0	0
53-4031	Railroad Conductors & Yardmasters	60	80	20	33.3	0
53-6021	Parking Lot Attendants	10	10	0	0.0	0
53-6031	Service Station Attendants	120	140	20	16.7	10
53-6041	Traffic Technicians	10	10	0	0.0	0
53-6051	Transportation Inspectors	10	20	10	100.0	0
53-6099	Transportation Workers, All Other	10	10	0	0.0	0
53-7011	Conveyor Operators & Tenders	70	80	10	14.3	0
53-7021	Crane & Tower Operators	20	30	10	50.0	0
53-7032	Excavating & Loading Machine & Dragline Operators	40	50	10	25.0	0
53-7041	Hoist & Winch Operators	10	10	0	0.0	0
53-7051	Industrial Truck & Tractor Operators	830	890	60	7.2	30
53-7061	Cleaners of Vehicles & Equipment	280	300	20	7.1	10
53-7062	Laborers & Freight, Stock, & Material Movers, Hand	1,620	1,620	0	0.0	50
53-7063	Machine Feeders & Offbearers	300	300	0	0.0	10
53-7064	Packers & Packagers, Hand	930	1,030	100	10.8	30
53-7071	Gas Compressor & Gas Pumping Station Operators	10	10	0	0.0	0

## North Central Region 2012 Occupational Outlook

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
53-7072	Pump Operators, Except Wellhead Pumpers	10	10	0	0.0	0
53-7073	Wellhead Pumpers	30	30	0	0.0	0
53-7081	Refuse & Recyclable Material Collectors	90	110	20	22.2	0
53-7121	Tank Car, Truck, & Ship Loaders	10	10	0	0.0	0
53-7199	Material Moving Workers, All Other	30	30	0	0.0	0

Footnotes:

1 *Average Annual Employment* in the 2002 and 2012 columns may not add due to suppression and rounding.

2 The net employment increase and net replacements were calculated together to create *Total Annual Openings*. If net employment change is negative, job openings due to growth are zero and total job openings equal net replacements. Turnover rates are not included in this data. Total Annual Openings may not add due to suppression and rounding.

## **Northwest Region**



## Northwest Kansas Region Occupational Trends

In 2002, total occupational employment was 84,120 and is projected to reach 94,010 in 2012, or 11.8 percent growth over the period. The largest major occupational group for the Northwest region in 2002 was the **Management** occupational group, with an employment level of 18,390. The same occupational group is projected to be the largest in the year 2012, employing 18,500. The **Office and Administrative Support** and **Sales and Related** occupational groups rank second and third, respectively, in employment size for both 2002 and 2012.

The **Education, Training and Library** occupational group is expected to have the largest numerical job growth, 1,200, followed by the **Healthcare Practitioners and Technical** occupational group with 1,030. Two occupational groups, **Education, Training and Library** and **Healthcare Support**, will experience the greatest percent change, 24.5 and 23.9 percent respectively.

The most annual openings are expected in the **Food Preparation and Serving Related** occupational group with 330, followed by the **Sales and Related** occupational group with 310 annual openings. Within the **Food Preparation and Serving Related** occupational group, **combined food preparation and serving workers, including fast food**, and **waiters and waitresses** are projected to have the most annual openings with 80, followed by **food preparation workers** with 30 annual openings.

**Northwest Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
	<b><u>Total, All Northwest Occupations</u></b>	<b><u>84,120</u></b>	<b><u>94,010</u></b>	<b><u>9,890</u></b>	<b><u>11.8</u></b>	<b><u>2,270</u></b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>18,390</b>	<b>18,500</b>	<b>110</b>	<b>0.6</b>	<b>60</b>
11-1011	Chief Executives	270	310	40	14.8	10
11-1021	General & Operations Managers	880	1,000	120	13.6	30
11-1031	Legislators	80	90	10	12.5	0
11-2011	Advertising & Promotions Managers	20	20	0	0.0	0
11-2021	Marketing Managers	40	40	0	0.0	0
11-2022	Sales Managers	110	140	30	27.3	0
11-2031	Public Relations Managers	10	20	10	100.0	0
11-3011	Administrative Services Managers	100	120	20	20.0	0
11-3021	Computer & Information Systems Managers	60	80	20	33.3	0
11-3031	Financial Managers	200	230	30	15.0	0
11-3040	Human Resources Managers	40	50	10	25.0	0
11-3051	Industrial Production Managers	60	60	0	0.0	0
11-3061	Purchasing Managers	20	20	0	0.0	0
11-3071	Transportation, Storage, & Distribution Managers	30	40	10	33.3	0
11-9011	Farm, Ranch, & Other Agricultural Managers	370	440	70	18.9	20
11-9012	Farmers & Ranchers	15,000	14,560	-440	-2.9	10
11-9021	Construction Managers	100	110	10	10.0	0
11-9031	Education Administrators, Preschool & Child Care Center/Program	20	20	0	0.0	0
11-9032	Education Administrators, Elementary & Secondary School	150	190	40	26.7	0
11-9033	Education Administrators, Postsecondary	60	70	10	16.7	0
11-9039	Education Administrators, All Other	10	10	0	0.0	0
11-9041	Engineering Managers	30	40	10	33.3	0
11-9051	Food Service Managers	140	160	20	14.3	0
11-9061	Funeral Directors	50	50	0	0.0	0
11-9081	Lodging Managers	20	20	0	0.0	0
11-9111	Medical & Health Services Managers	180	230	50	27.8	10
11-9121	Natural Sciences Managers	10	10	0	0.0	0
11-9131	Postmasters & Mail Superintendents	40	40	0	0.0	0
11-9141	Property, Real Estate, & Community Association Managers	30	40	10	33.3	0
11-9151	Social & Community Service Managers	50	60	10	20.0	0
11-9199	Managers, All Other	210	230	20	9.5	0
<b>13-0000</b>	<b>Business &amp; Financial Operations Occupations</b>	<b>2,040</b>	<b>2,360</b>	<b>320</b>	<b>15.7</b>	<b>50</b>
13-1021	Purchasing Agents & Buyers, Farm Products	40	50	10	25.0	0
13-1022	Wholesale & Retail Buyers, Except Farm Products	60	60	0	0.0	0
13-1023	Purchasing Agents, Except Wholesale, Retail, & Farm Products	90	100	10	11.1	0
13-1031	Claims Adjusters, Examiners, & Investigators	140	160	20	14.3	0
13-1041	Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation	100	110	10	10.0	0
13-1051	Cost Estimators	80	100	20	25.0	0
13-1061	Emergency Management Specialists	10	10	0	0.0	0
13-1071	Employment, Recruitment, & Placement Specialists	30	40	10	33.3	0
13-1072	Compensation, Benefits, & Job Analysis Specialists	30	30	0	0.0	0
13-1073	Training & Development Specialists	60	80	20	33.3	0
13-1111	Management Analysts	140	150	10	7.1	0
13-1121	Meeting & Convention Planners	10	20	10	100.0	0
13-1199	Business Operations Specialists, All Other	290	350	60	20.7	20
13-2011	Accountants & Auditors	440	530	90	20.5	20

**Northwest Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
13-2021	Appraisers & Assessors of Real Estate	50	60	10	20.0	0
13-2031	Budget Analysts	10	10	0	0.0	0
13-2041	Credit Analysts	20	20	0	0.0	0
13-2051	Financial Analysts	70	80	10	14.3	0
13-2052	Personal Financial Advisors	40	40	0	0.0	0
13-2053	Insurance Underwriters	40	40	0	0.0	0
13-2061	Financial Examiners	10	10	0	0.0	0
13-2072	Loan Officers	200	210	10	5.0	0
13-2081	Tax Examiners, Collectors, & Revenue Agents	30	30	0	0.0	0
13-2082	Tax Preparers	30	40	10	33.3	0
13-2099	Financial Specialists, All Other	20	30	10	50.0	0
<b>15-0000</b>	<b>Computer &amp; Mathematical Occupations</b>	<b>700</b>	<b>830</b>	<b>130</b>	<b>18.6</b>	<b>10</b>
15-1021	Computer Programmers	100	100	0	0.0	0
15-1031	Computer Software Engineers, Applications	80	100	20	25.0	0
15-1032	Computer Software Engineers, Systems Software	30	30	0	0.0	0
15-1041	Computer Support Specialists	150	180	30	20.0	0
15-1051	Computer Systems Analysts	130	160	30	23.1	0
15-1061	Database Administrators	20	30	10	50.0	0
15-1071	Network & Computer Systems Administrators	110	140	30	27.3	0
15-1081	Network Systems & Data Communications Analysts	40	50	10	25.0	0
15-1099	Computer Specialists, All Other	20	20	0	0.0	0
15-2011	Actuaries	10	10	0	0.0	0
15-2031	Operations Research Analysts	10	10	0	0.0	0
<b>17-0000</b>	<b>Architecture &amp; Engineering Occupations</b>	<b>510</b>	<b>560</b>	<b>50</b>	<b>9.8</b>	<b>10</b>
17-1011	Architects, Except Landscape & Naval	10	20	10	100.0	0
17-1012	Landscape Architects	10	10	0	0.0	0
17-1021	Cartographers & Photogrammetrists	10	10	0	0.0	0
17-1022	Surveyors	10	10	0	0.0	0
17-2011	Aerospace Engineers	10	10	0	0.0	0
17-2041	Chemical Engineers	10	10	0	0.0	0
17-2051	Civil Engineers	50	50	0	0.0	0
17-2071	Electrical Engineers	20	20	0	0.0	0
17-2072	Electronics Engineers, Except Computer	60	70	10	16.7	0
17-2081	Environmental Engineers	10	10	0	0.0	0
17-2112	Industrial Engineers	20	20	0	0.0	0
17-2141	Mechanical Engineers	40	50	10	25.0	0
17-2171	Petroleum Engineers	20	20	0	0.0	0
17-2199	Engineers, All Other	30	30	0	0.0	0
17-3011	Architectural & Civil Drafters	20	20	0	0.0	0
17-3013	Mechanical Drafters	20	20	0	0.0	0
17-3022	Civil Engineering Technicians	70	80	10	14.3	0
17-3023	Electrical & Electronic Engineering Technicians	20	30	10	50.0	0
17-3026	Industrial Engineering Technicians	10	10	0	0.0	0
17-3027	Mechanical Engineering Technicians	10	10	0	0.0	0
17-3031	Surveying & Mapping Technicians	20	20	0	0.0	0
17-3099	Drafters, Engineering, & Mapping Technicians, All Other	20	20	0	0.0	0
<b>19-0000</b>	<b>Life, Physical, &amp; Social Science Occupations</b>	<b>410</b>	<b>450</b>	<b>40</b>	<b>9.8</b>	<b>0</b>
19-1010	Agricultural & Food Scientists	10	10	0	0.0	0
19-1021	Biochemists & Biophysicists	10	10	0	0.0	0
19-1022	Microbiologists	10	10	0	0.0	0

**Northwest Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
19-1042	Medical Scientists, Except Epidemiologists	10	10	0	0.0	0
19-1099	Life Scientists, All Other	10	10	0	0.0	0
19-2031	Chemists	20	30	10	50.0	0
19-2041	Environmental Scientists & Specialists, Including Health	30	30	0	0.0	0
19-2042	Geoscientists, Except Hydrologists & Geographers	10	10	0	0.0	0
19-3021	Market Research Analysts	40	50	10	25.0	0
19-3022	Survey Researchers	10	20	10	100.0	0
19-3031	Clinical, Counseling, & School Psychologists	80	90	10	12.5	0
19-3051	Urban & Regional Planners	10	10	0	0.0	0
19-3099	Social Scientists & Related Workers, All Other	20	20	0	0.0	0
19-4011	Agricultural & Food Science Technicians	10	10	0	0.0	0
19-4021	Biological Technicians	10	10	0	0.0	0
19-4031	Chemical Technicians	30	30	0	0.0	0
19-4041	Geological & Petroleum Technicians	30	40	10	33.3	0
19-4091	Environmental Science & Protection Technicians, Including Health	20	20	0	0.0	0
19-4093	Forest & Conservation Technicians	10	10	0	0.0	0
19-4099	Life, Physical, & Social Science Technicians, All Other	20	20	0	0.0	0
<b>21-0000</b>	<b>Community &amp; Social Services Occupations</b>	<b>1,410</b>	<b>1,660</b>	<b>250</b>	<b>17.7</b>	<b>50</b>
21-1011	Substance Abuse & Behavioral Disorder Counselors	20	20	0	0.0	0
21-1012	Educational, Vocational, & School Counselors	120	130	10	8.3	0
21-1013	Marriage & Family Therapists	20	20	0	0.0	0
21-1014	Mental Health Counselors	40	40	0	0.0	0
21-1015	Rehabilitation Counselors	90	110	20	22.2	0
21-1021	Child, Family, & School Social Workers	90	110	20	22.2	0
21-1022	Medical & Public Health Social Workers	90	110	20	22.2	0
21-1023	Mental Health & Substance Abuse Social Workers	90	100	10	11.1	0
21-1091	Health Educators	10	20	10	100.0	0
21-1092	Probation Officers & Correctional Treatment Specialists	70	70	0	0.0	0
21-1093	Social & Human Service Assistants	270	340	70	25.9	20
21-2011	Clergy	320	370	50	15.6	20
21-2021	Directors, Religious Activities & Education	70	90	20	28.6	0
21-9099	Counselors, Social, & Religious Workers, All Other	110	130	20	18.2	0
<b>23-0000</b>	<b>Legal Occupations</b>	<b>390</b>	<b>460</b>	<b>70</b>	<b>17.9</b>	<b>10</b>
23-1011	Lawyers	190	230	40	21.1	0
23-1023	Judges, Magistrate Judges, & Magistrates	30	30	0	0.0	0
23-2011	Paralegals & Legal Assistants	80	100	20	25.0	0
23-2091	Court Reporters	10	10	0	0.0	0
23-2092	Law Clerks	10	10	0	0.0	0
23-2093	Title Examiners, Abstractors, & Searchers	20	20	0	0.0	0
23-9099	Legal & Related Workers, All Other	50	50	0	0.0	0
<b>25-0000</b>	<b>Education, Training, &amp; Library Occupations</b>	<b>4,890</b>	<b>6,090</b>	<b>1,200</b>	<b>24.5</b>	<b>200</b>
25-1011	Business Teachers, Postsecondary	40	60	20	50.0	0
25-1021	Computer Science Teachers, Postsecondary	30	40	10	33.3	0
25-1022	Mathematical Science Teachers, Postsecondary	40	50	10	25.0	0
25-1031	Architecture Teachers, Postsecondary	10	10	0	0.0	0
25-1032	Engineering Teachers, Postsecondary	30	30	0	0.0	0
25-1041	Agricultural Sciences Teachers, Postsecondary	20	20	0	0.0	0
25-1042	Biological Science Teachers, Postsecondary	30	40	10	33.3	0
25-1052	Chemistry Teachers, Postsecondary	10	10	0	0.0	0

**Northwest Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
25-1054	Physics Teachers, Postsecondary	10	10	0	0.0	0
25-1063	Economics Teachers, Postsecondary	10	20	10	100.0	0
25-1065	Political Science Teachers, Postsecondary	10	10	0	0.0	0
25-1066	Psychology Teachers, Postsecondary	20	30	10	50.0	0
25-1067	Sociology Teachers, Postsecondary	10	10	0	0.0	0
25-1071	Health Specialties Teachers, Postsecondary	30	40	10	33.3	0
25-1072	Nursing Instructors & Teachers, Postsecondary	20	30	10	50.0	0
25-1081	Education Teachers, Postsecondary	30	30	0	0.0	0
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	10	10	0	0.0	0
25-1113	Social Work Teachers, Postsecondary	10	10	0	0.0	0
25-1121	Art, Drama, & Music Teachers, Postsecondary	50	70	20	40.0	0
25-1122	Communications Teachers, Postsecondary	20	20	0	0.0	0
25-1123	English Language & Literature Teachers, Postsecondary	40	60	20	50.0	0
25-1124	Foreign Language & Literature Teachers, Postsecondary	20	30	10	50.0	0
25-1125	History Teachers, Postsecondary	20	20	0	0.0	0
25-1126	Philosophy & Religion Teachers, Postsecondary	10	10	0	0.0	0
25-1191	Graduate Teaching Assistants	10	20	10	100.0	0
25-1192	Home Economics Teachers, Postsecondary	10	10	0	0.0	0
25-1193	Recreation & Fitness Studies Teachers, Postsecondar	20	20	0	0.0	0
25-1194	Vocational Education Teachers, Postsecondary	60	70	10	16.7	0
25-1199	Postsecondary Teachers, All Other	110	140	30	27.3	0
25-2011	Preschool Teachers, Except Special Education	80	100	20	25.0	0
25-2012	Kindergarten Teachers, Except Special Education	100	130	30	30.0	0
25-2021	Elementary School Teachers, Except Special Education	1,120	1,320	200	17.9	50
25-2022	Middle School Teachers, Except Special & Vocational Education	520	590	70	13.5	20
25-2023	Vocational Education Teachers, Middle School	10	10	0	0.0	0
25-2031	Secondary School Teachers, Except Special & Vocational Education	770	940	170	22.1	40
25-2032	Vocational Education Teachers, Secondary School	110	130	20	18.2	0
25-2041	Special Education Teachers, Preschool, Kindergarten, & Elementary School	170	220	50	29.4	10
25-2042	Special Education Teachers, Middle School	70	100	30	42.9	0
25-2043	Special Education Teachers, Secondary School	120	160	40	33.3	0
25-3011	Adult Literacy, Remedial Education, & GED Teachers & Instructors	40	50	10	25.0	0
25-3021	Self-Enrichment Education Teachers	70	90	20	28.6	0
25-3999	Teachers, Primary, Secondary, & Adult, All Other	390	570	180	46.2	30
25-4010	Archivists, Curators, & Museum Technicians	10	20	10	100.0	0
25-4021	Librarians	110	120	10	9.1	0
25-4031	Library Technicians	80	100	20	25.0	0
25-9021	Farm & Home Management Advisors	20	20	0	0.0	0
25-9031	Instructional Coordinators	50	70	20	40.0	0
25-9041	Teacher Assistants	310	390	80	25.8	20
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, &amp; Media Occupations</b>	<b>890</b>	<b>1,010</b>	<b>120</b>	<b>13.5</b>	<b>10</b>
27-1011	Art Directors	10	10	0	0.0	0
27-1014	Multi-Media Artists & Animators	10	10	0	0.0	0
27-1021	Commercial & Industrial Designers	10	10	0	0.0	0
27-1023	Floral Designers	90	100	10	11.1	0

**Northwest Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
27-1024	Graphic Designers	50	70	20	40.0	0
27-1025	Interior Designers	20	20	0	0.0	0
27-1026	Merchandise Displayers & Window Trimmers	10	20	10	100.0	0
27-1099	Art & Design Workers, All Other	30	30	0	0.0	0
27-2012	Producers & Directors	20	20	0	0.0	0
27-2022	Coaches & Scouts	140	170	30	21.4	0
27-2023	Umpires, Referees, & Other Sports Officials	20	20	0	0.0	0
27-2032	Choreographers	20	20	0	0.0	0
27-2041	Music Directors & Composers	30	30	0	0.0	0
27-2042	Musicians & Singers	60	70	10	16.7	0
27-3010	Announcers	70	70	0	0.0	0
27-3020	News Analysts, Reporters & Correspondents	40	40	0	0.0	0
27-3031	Public Relations Specialists	70	90	20	28.6	0
27-3041	Editors	40	40	0	0.0	0
27-3042	Technical Writers	10	10	0	0.0	0
27-3043	Writers & Authors	40	40	0	0.0	0
27-3091	Interpreters & Translators	10	20	10	100.0	0
27-3099	Media & Communication Workers, All Other	10	10	0	0.0	0
27-4011	Audio & Video Equipment Technicians	10	10	0	0.0	0
27-4012	Broadcast Technicians	30	30	0	0.0	0
27-4021	Photographers	30	40	10	33.3	0
27-4031	Camera Operators, Television, Video & Motion Picture	10	10	0	0.0	0
<b>29-0000</b>	<b>Healthcare Practitioners &amp; Technical Occupations</b>	<b>4,730</b>	<b>5,760</b>	<b>1,030</b>	<b>21.8</b>	<b>150</b>
29-1011	Chiropractors	40	40	0	0.0	0
29-1020	Dentists	50	50	0	0.0	0
29-1031	Dietitians & Nutritionists	30	30	0	0.0	0
29-1041	Optometrists	20	20	0	0.0	0
29-1051	Pharmacists	120	150	30	25.0	0
29-1061	Anesthesiologists	40	40	0	0.0	0
29-1062	Family & General Practitioners	100	110	10	10.0	0
29-1063	Internists, General	30	30	0	0.0	0
29-1064	Obstetricians & Gynecologists	20	20	0	0.0	0
29-1065	Pediatricians, General	30	30	0	0.0	0
29-1066	Psychiatrists	30	40	10	33.3	0
29-1067	Surgeons	70	70	0	0.0	0
29-1069	Physicians & Surgeons, All Other	40	40	0	0.0	0
29-1071	Physician Assistants	30	40	10	33.3	0
29-1111	Registered Nurses	1,880	2,390	510	27.1	90
29-1122	Occupational Therapists	60	80	20	33.3	0
29-1123	Physical Therapists	90	110	20	22.2	0
29-1124	Radiation Therapists	10	10	0	0.0	0
29-1125	Recreational Therapists	20	20	0	0.0	0
29-1126	Respiratory Therapists	100	140	40	40.0	0
29-1127	Speech-Language Pathologists	70	90	20	28.6	0
29-1131	Veterinarians	50	50	0	0.0	0
29-1199	Health Diagnosing & Treating Practitioners, All Other	30	30	0	0.0	0
29-2011	Medical & Clinical Laboratory Technologist	140	160	20	14.3	0
29-2012	Medical & Clinical Laboratory Technicians	100	120	20	20.0	0
29-2021	Dental Hygienists	60	90	30	50.0	0
29-2031	Cardiovascular Technologists & Technicians	40	50	10	25.0	0
29-2032	Diagnostic Medical Sonographers	30	30	0	0.0	0

# Northwest Region 2012 Occupational Outlook

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
29-2033	Nuclear Medicine Technologists	10	10	0	0.0	0
29-2034	Radiologic Technologists & Technicians	120	140	20	16.7	0
29-2041	Emergency Medical Technicians & Paramedics	200	230	30	15.0	0
29-2051	Dietetic Technicians	20	30	10	50.0	0
29-2052	Pharmacy Technicians	100	130	30	30.0	0
29-2053	Psychiatric Technicians	20	20	0	0.0	0
29-2054	Respiratory Therapy Technicians	20	30	10	50.0	0
29-2055	Surgical Technologists	50	70	20	40.0	0
29-2056	Veterinary Technologists & Technicians	20	30	10	50.0	0
29-2061	Licensed Practical & Licensed Vocational Nurses	540	610	70	13.0	20
29-2071	Medical Records & Health Information Technicians	150	210	60	40.0	10
29-2081	Opticians, Dispensing	60	60	0	0.0	0
29-9010	Occupational Health & Safety Specialists & Technicians	20	30	10	50.0	0
29-9091	Athletic Trainers	10	10	0	0.0	0
29-9199	Health Professionals & Technicians, All Other	60	70	10	16.7	0
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>3,010</b>	<b>3,730</b>	<b>720</b>	<b>23.9</b>	<b>100</b>
31-1011	Home Health Aides	270	340	70	25.9	10
31-1012	Nursing Aides, Orderlies, & Attendants	2,010	2,450	440	21.9	70
31-1013	Psychiatric Aides	100	110	10	10.0	0
31-2011	Occupational Therapist Assistants	10	20	10	100.0	0
31-2021	Physical Therapist Assistants	70	90	20	28.6	0
31-2022	Physical Therapist Aides	30	40	10	33.3	0
31-9011	Massage Therapists	10	10	0	0.0	0
31-9091	Dental Assistants	120	170	50	41.7	10
31-9092	Medical Assistants	150	210	60	40.0	10
31-9093	Medical Equipment Preparers	40	50	10	25.0	0
31-9094	Medical Transcriptionists	60	70	10	16.7	0
31-9095	Pharmacy Aides	30	30	0	0.0	0
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	50	60	10	20.0	0
31-9099	Healthcare Support Workers, All Other	60	80	20	33.3	0
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>1,630</b>	<b>1,840</b>	<b>210</b>	<b>12.9</b>	<b>60</b>
33-1011	First-Line Supervisors/Managers of Correctional Officers	20	20	0	0.0	0
33-1012	First-Line Supervisors/Managers of Police & Detectives	120	130	10	8.3	0
33-1021	First-Line Supervisors/Managers of Fire Fighting & Prevention Workers	50	60	10	20.0	0
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	10	10	0	0.0	0
33-2011	Fire Fighters	230	260	30	13.0	10
33-2021	Fire Inspectors & Investigators	10	10	0	0.0	0
33-3012	Correctional Officers & Jailers	310	340	30	9.7	10
33-3021	Detectives & Criminal Investigators	50	50	0	0.0	0
33-3051	Police & Sheriff's Patrol Officers	470	530	60	12.8	20
33-9011	Animal Control Workers	20	20	0	0.0	0
33-9032	Security Guards	200	220	20	10.0	0
33-9091	Crossing Guards	30	40	10	33.3	0
33-9099	Protective Service Workers, All Other	110	130	20	18.2	10
<b>35-0000</b>	<b>Food Preparation &amp; Serving Related Occupations</b>	<b>5,970</b>	<b>6,910</b>	<b>940</b>	<b>15.7</b>	<b>330</b>
35-1011	Chefs & Head Cooks	60	70	10	16.7	0
35-1012	First-Line Supervisors/Managers of Food Preparation & Serving Workers	520	610	90	17.3	20

**Northwest Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
35-2011	Cooks, Fast Food	420	460	40	9.5	10
35-2012	Cooks, Institution & Cafeteria	560	570	10	1.8	20
35-2014	Cooks, Restaurant	320	380	60	18.8	20
35-2015	Cooks, Short Order	150	170	20	13.3	10
35-2021	Food Preparation Workers	600	700	100	16.7	30
35-3011	Bartenders	220	240	20	9.1	10
35-3021	Combined Food Preparation & Serving Workers, Including Fast Food	1,150	1,440	290	25.2	80
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee Shop	210	240	30	14.3	10
35-3031	Waiters & Waitresses	1,090	1,280	190	17.4	80
35-3041	Food Servers, Nonrestaurant	140	160	20	14.3	10
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	130	150	20	15.4	10
35-9021	Dishwashers	220	240	20	9.1	10
35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	140	160	20	14.3	0
35-9099	Food Preparation & Serving Related Workers, All Other	40	40	0	0.0	0
<b>37-0000</b>	<b>Building &amp; Grounds Cleaning &amp; Maintenance Occupations</b>	<b>2,740</b>	<b>3,290</b>	<b>550</b>	<b>20.1</b>	<b>110</b>
37-1011	First-Line Supervisors/Managers of Housekeeping & Janitorial Workers	130	160	30	23.1	0
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, & Groundskeeping Workers	50	60	10	20.0	0
37-2011	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	1,140	1,370	230	20.2	40
37-2012	Maids & Housekeeping Cleaners	790	950	160	20.3	40
37-2021	Pest Control Workers	20	20	0	0.0	0
37-3011	Landscaping & Groundskeeping Workers	550	660	110	20.0	20
37-3012	Pesticide Handlers, Sprayers, & Applicators, Vegetation	50	60	10	20.0	0
37-9099	Building & Grounds Cleaning & Maintenance Workers, All Other	10	10	0	0.0	0
<b>39-0000</b>	<b>Personal Care &amp; Service Occupations</b>	<b>1,960</b>	<b>2,290</b>	<b>330</b>	<b>16.8</b>	<b>60</b>
39-1012	Slot Key Persons	10	10	0	0.0	0
39-1021	First-Line Supervisors/Managers of Personal Service Workers	80	90	10	12.5	0
39-2011	Animal Trainers	10	10	0	0.0	0
39-2021	Nonfarm Animal Caretakers	40	50	10	25.0	0
39-3011	Gaming Dealers	10	10	0	0.0	0
39-3031	Ushers, Lobby Attendants, & Ticket Takers	50	50	0	0.0	0
39-3091	Amusement & Recreation Attendants	90	110	20	22.2	0
39-3093	Locker Room, Coatroom, & Dressing Room Attendants	10	10	0	0.0	0
39-3199	Gaming Workers, All Other	20	20	0	0.0	0
39-4011	Embalmers	30	30	0	0.0	0
39-4021	Funeral Attendants	10	10	0	0.0	0
39-5011	Barbers	40	40	0	0.0	0
39-5012	Hairdressers, Hairstylists, & Cosmetologists	280	290	10	3.6	10
39-5092	Manicurists & Pedicurists	10	10	0	0.0	0
39-5093	Shampooers	10	10	0	0.0	0
39-5094	Skin Care Specialists	20	20	0	0.0	0
39-6011	Baggage Porters & Bellhops	10	10	0	0.0	0
39-6032	Transportation Attendants, Except Flight Attendants & Baggage Porters	20	20	0	0.0	0



**Northwest Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
39-9011	Child Care Workers	380	440	60	15.8	20
39-9021	Personal & Home Care Aides	550	690	140	25.5	20
39-9031	Fitness Trainers & Aerobics Instructors	80	110	30	37.5	0
39-9032	Recreation Workers	150	180	30	20.0	0
39-9041	Residential Advisors	30	40	10	33.3	0
39-9099	Personal Care & Service Workers, All Other	20	20	0	0.0	0
<b>41-0000</b>	<b>Sales &amp; Related Occupations</b>	<b>7,170</b>	<b>8,030</b>	<b>860</b>	<b>12.0</b>	<b>310</b>
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	730	820	90	12.3	20
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	180	200	20	11.1	0
41-2011	Cashiers	2,120	2,450	330	15.6	130
41-2012	Gaming Change Persons & Booth Cashiers	10	10	0	0.0	0
41-2021	Counter & Rental Clerks	130	160	30	23.1	10
41-2022	Parts Salespersons	180	180	0	0.0	10
41-2031	Retail Salespersons	1,690	1,910	220	13.0	80
41-3011	Advertising Sales Agents	80	90	10	12.5	0
41-3021	Insurance Sales Agents	550	560	10	1.8	10
41-3031	Securities, Commodities, & Financial Services Sales Agents	70	70	0	0.0	0
41-3041	Travel Agents	10	10	0	0.0	0
41-4011	Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	120	140	20	16.7	0
41-4012	Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	650	730	80	12.3	30
41-9011	Demonstrators & Product Promoters	30	30	0	0.0	0
41-9021	Real Estate Brokers	80	80	0	0.0	0
41-9022	Real Estate Sales Agents	220	220	0	0.0	0
41-9031	Sales Engineers	10	10	0	0.0	0
41-9041	Telemarketers	120	120	0	0.0	0
41-9091	Door-To-Door Sales Workers, News & Street Vendors, & Related Workers	10	20	10	100.0	0
41-9099	Sales & Related Workers, All Other	180	220	40	22.2	0
<b>43-0000</b>	<b>Office &amp; Administrative Support Occupations</b>	<b>10,670</b>	<b>11,440</b>	<b>770</b>	<b>7.2</b>	<b>290</b>
43-1011	First-Line Supervisors/Managers of Office & Administrative Support Workers	710	750	40	5.6	20
43-2011	Switchboard Operators, Including Answering Service	100	100	0	0.0	0
43-3011	Bill & Account Collectors	170	210	40	23.5	0
43-3021	Billing & Posting Clerks & Machine Operators	280	300	20	7.1	10
43-3031	Bookkeeping, Accounting, & Auditing Clerks	1,080	1,150	70	6.5	30
43-3051	Payroll & Timekeeping Clerks	100	100	0	0.0	0
43-3061	Procurement Clerks	30	30	0	0.0	0
43-3071	Tellers	470	510	40	8.5	20
43-4011	Brokerage Clerks	10	10	0	0.0	0
43-4021	Correspondence Clerks	10	10	0	0.0	0
43-4031	Court, Municipal, & License Clerks	100	100	0	0.0	0
43-4041	Credit Authorizers, Checkers, & Clerks	20	10	-10	-50.0	0
43-4051	Customer Service Representatives	810	960	150	18.5	30
43-4061	Eligibility Interviewers, Government Programs	40	40	0	0.0	0
43-4071	File Clerks	110	100	-10	-9.1	0
43-4081	Hotel, Motel, & Resort Desk Clerks	160	200	40	25.0	10
43-4111	Interviewers, Except Eligibility & Loan	110	140	30	27.3	0

**Northwest Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
43-4121	Library Assistants, Clerical	100	110	10	10.0	0
43-4131	Loan Interviewers & Clerks	90	70	-20	-22.2	0
43-4141	New Accounts Clerks	70	80	10	14.3	0
43-4151	Order Clerks	120	100	-20	-16.7	0
43-4161	Human Resources Assistants, Except Payroll & Timekeeping	50	60	10	20.0	0
43-4171	Receptionists & Information Clerks	430	530	100	23.3	20
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	30	40	10	33.3	0
43-4999	Financial, Information, & Record Clerks, All Other	100	100	0	0.0	0
43-5011	Cargo & Freight Agents	30	40	10	33.3	0
43-5021	Couriers & Messengers	40	40	0	0.0	0
43-5031	Police, Fire, & Ambulance Dispatchers	100	110	10	10.0	0
43-5032	Dispatchers, Except Police, Fire, & Ambulance	50	60	10	20.0	0
43-5041	Meter Readers, Utilities	50	50	0	0.0	0
43-5051	Postal Service Clerks	50	60	10	20.0	0
43-5052	Postal Service Mail Carriers	230	290	60	26.1	20
43-5053	Postal Service Mail Sorters, Processors, & Processing Machine Operators	110	130	20	18.2	0
43-5061	Production, Planning, & Expediting Clerks	80	100	20	25.0	0
43-5071	Shipping, Receiving, & Traffic Clerks	260	270	10	3.8	10
43-5081	Stock Clerks & Order Fillers	680	650	-30	-4.4	30
43-5111	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	30	40	10	33.3	0
43-6011	Executive Secretaries & Administrative Assistants	730	780	50	6.8	20
43-6012	Legal Secretaries	90	110	20	22.2	0
43-6013	Medical Secretaries	120	130	10	8.3	0
43-6014	Secretaries, Except Legal, Medical, & Executive	960	940	-20	-2.1	20
43-9011	Computer Operators	50	40	-10	-20.0	0
43-9021	Data Entry Keyers	140	120	-20	-14.3	0
43-9022	Word Processors & Typists	30	30	0	0.0	0
43-9031	Desktop Publishers	10	10	0	0.0	0
43-9041	Insurance Claims & Policy Processing Clerks	40	40	0	0.0	0
43-9051	Mail Clerks & Mail Machine Operators, Except Postal Service	50	50	0	0.0	0
43-9061	Office Clerks, General	1,360	1,450	90	6.6	40
43-9071	Office Machine Operators, Except Computer	20	20	0	0.0	0
43-9999	Secretaries, Administrative Assistants, & Other Office Support Workers, All Other	60	70	10	16.7	0
<b>45-0000</b>	<b>Farming, Fishing, &amp; Forestry Occupations</b>	<b>1,510</b>	<b>1,760</b>	<b>250</b>	<b>16.6</b>	<b>60</b>
45-1011	First-Line Supervisors/Managers of Farming, Fishing, & Forestry Workers	60	70	10	16.7	0
45-2011	Agricultural Inspectors	10	10	0	0.0	0
45-2021	Animal Breeders	10	10	0	0.0	0
45-2041	Graders & Sorters, Agricultural Products	70	80	10	14.3	0
45-2091	Agricultural Equipment Operators	250	300	50	20.0	20
45-2092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	840	980	140	16.7	30
45-2093	Farmworkers, Farm & Ranch Animals	150	180	30	20.0	0
45-9099	Farming, Fishing, & Forestry Workers, All Other	120	130	10	8.3	0

# Northwest Region 2012 Occupational Outlook

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
<b>47-0000</b>	<b>Construction &amp; Extraction Occupations</b>	<b>3,460</b>	<b>4,170</b>	<b>710</b>	<b>20.5</b>	<b>120</b>
47-1011	First-Line Supervisors/Managers of Construction Trades & Extraction Workers	380	440	60	15.8	20
47-2021	Brickmasons & Blockmasons	30	30	0	0.0	0
47-2022	Stonemasons	10	10	0	0.0	0
47-2031	Carpenters	360	420	60	16.7	20
47-2041	Carpet Installers	30	30	0	0.0	0
47-2042	Floor Layers, Except Carpet, Wood, & Hard Tiles	10	10	0	0.0	0
47-2044	Tile & Marble Setters	10	10	0	0.0	0
47-2051	Cement Masons & Concrete Finishers	90	120	30	33.3	0
47-2061	Construction Laborers	410	490	80	19.5	20
47-2071	Paving, Surfacing, & Tamping Equipment Operators	70	80	10	14.3	0
47-2073	Operating Engineers & Other Construction Equipment Operators	410	470	60	14.6	20
47-2081	Drywall & Ceiling Tile Installers	10	10	0	0.0	0
47-2111	Electricians	160	200	40	25.0	0
47-2121	Glaziers	20	20	0	0.0	0
47-2130	Insulation Workers	10	10	0	0.0	0
47-2141	Painters, Construction & Maintenance	80	80	0	0.0	0
47-2151	Pipelayers	30	30	0	0.0	0
47-2152	Plumbers, Pipefitters, & Steamfitters	170	200	30	17.6	0
47-2161	Plasterers & Stucco Masons	10	10	0	0.0	0
47-2171	Reinforcing Iron & Rebar Workers	10	10	0	0.0	0
47-2181	Roofers	60	80	20	33.3	0
47-2211	Sheet Metal Workers	60	70	10	16.7	0
47-2221	Structural Iron & Steel Workers	10	20	10	100.0	0
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, & Tile & Marble Setters	20	30	10	50.0	0
47-3012	Helpers--Carpenters	50	60	10	20.0	0
47-3013	Helpers--Electricians	20	30	10	50.0	0
47-3014	Helpers--Painters, Paperhangers, Plasterers, & Stucco	10	10	0	0.0	0
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, & Steamfitters	30	30	0	0.0	0
47-3016	Helpers--Roofers	10	10	0	0.0	0
47-3019	Helpers, Construction Trades, All Other	10	10	0	0.0	0
47-4011	Construction & Building Inspectors	30	30	0	0.0	0
47-4031	Fence Erectors	10	10	0	0.0	0
47-4041	Hazardous Materials Removal Workers	10	20	10	100.0	0
47-4051	Highway Maintenance Workers	120	140	20	16.7	0
47-4061	Rail-Track Laying & Maintenance Equipment Operators	10	10	0	0.0	0
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	10	20	10	100.0	0
47-4999	Construction Trades & Related Workers, All Other	10	10	0	0.0	0
47-5011	Derrick Operators, Oil & Gas	90	120	30	33.3	0
47-5012	Rotary Drill Operators, Oil & Gas	150	200	50	33.3	10
47-5013	Service Unit Operators, Oil, Gas, & Mining	120	170	50	41.7	10
47-5071	Roustabouts, Oil & Gas	170	230	60	35.3	20
47-5081	Helpers--Extraction Workers	120	160	40	33.3	0
47-5099	Extraction Workers, All Other	20	20	0	0.0	0
<b>49-0000</b>	<b>Installation, Maintenance, &amp; Repair Occupations</b>	<b>2,820</b>	<b>3,280</b>	<b>460</b>	<b>16.3</b>	<b>100</b>
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, & Repairers	270	310	40	14.8	10
49-2011	Computer, Automated Teller, & Office Machine Repairers	70	70	0	0.0	0

**Northwest Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	40	40	0	0.0	0
49-2091	Avionics Technicians	40	50	10	25.0	0
49-2092	Electric Motor, Power Tool, & Related Repairers	20	20	0	0.0	0
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	10	10	0	0.0	0
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	10	10	0	0.0	0
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation, & Relay	20	20	0	0.0	0
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	40	40	0	0.0	0
49-3011	Aircraft Mechanics & Service Technicians	30	40	10	33.3	0
49-3021	Automotive Body & Related Repairer	120	140	20	16.7	0
49-3022	Automotive Glass Installers & Repairers	10	10	0	0.0	0
49-3023	Automotive Service Technicians & Mechanics	420	490	70	16.7	20
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	190	220	30	15.8	10
49-3041	Farm Equipment Mechanics	50	60	10	20.0	0
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	100	110	10	10.0	0
49-3043	Rail Car Repairers	10	10	0	0.0	0
49-3052	Motorcycle Mechanics	10	10	0	0.0	0
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	20	20	0	0.0	0
49-3092	Recreational Vehicle Service Technicians	10	10	0	0.0	0
49-3093	Tire Repairers & Changers	160	170	10	6.3	10
49-9012	Control & Valve Installers & Repairers, Except Mechanical Door	10	20	10	100.0	0
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	90	110	20	22.2	0
49-9031	Home Appliance Repairers	30	30	0	0.0	0
49-9041	Industrial Machinery Mechanics	100	120	20	20.0	0
49-9042	Maintenance & Repair Workers, General	620	740	120	19.4	20
49-9043	Maintenance Workers, Machinery	40	40	0	0.0	0
49-9044	Millwrights	10	20	10	100.0	0
49-9051	Electrical Power-Line Installers & Repairers	120	130	10	8.3	0
49-9052	Telecommunications Line Installers & Repairers	30	40	10	33.3	0
49-9062	Medical Equipment Repairers	10	10	0	0.0	0
49-9069	Precision Instrument & Equipment Repairers, All Other	10	10	0	0.0	0
49-9091	Coin, Vending, & Amusement Machine Servicers & Repairers	10	20	10	100.0	0
49-9095	Manufactured Building & Mobile Home Installers	10	10	0	0.0	0
49-9098	Helpers--Installation, Maintenance, & Repair Workers	50	60	10	20.0	0
49-9099	Installation, Maintenance, & Repair Workers, All Other	30	40	10	33.3	0
<b>51-0000</b>	<b>Production Occupations</b>	<b>4,010</b>	<b>4,240</b>	<b>230</b>	<b>5.7</b>	<b>50</b>
51-1011	First-Line Supervisors/Managers of Production & Operating Workers	310	350	40	12.9	10
51-2011	Aircraft Structure, Surfaces, Rigging, & Systems Assemblers	10	10	0	0.0	0
51-2022	Electrical & Electronic Equipment Assemblers	40	40	0	0.0	0
51-2031	Engine & Other Machine Assemblers	20	20	0	0.0	0
51-2041	Structural Metal Fabricators & Fitters	30	30	0	0.0	0

**Northwest Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
51-2092	Team Assemblers	540	520	-20	-3.7	10
51-2099	Assemblers & Fabricators, All Other	50	50	0	0.0	0
51-3011	Bakers	50	60	10	20.0	0
51-3021	Butchers & Meat Cutters	70	70	0	0.0	0
51-3022	Meat, Poultry, & Fish Cutters & Trimmers	120	130	10	8.3	0
51-3023	Slaughterers & Meat Packers	120	130	10	8.3	0
51-3091	Food & Tobacco Roasting, Baking, & Drying Machine Operators & Tenders	10	10	0	0.0	0
51-3092	Food Batchmakers	30	30	0	0.0	0
51-3093	Food Cooking Machine Operators & Tenders	20	20	0	0.0	0
51-3099	Food Processing Workers, All Other	20	20	0	0.0	0
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	50	50	0	0.0	0
51-4012	Numerical Tool & Process Control Programmers	10	10	0	0.0	0
51-4021	Extruding & Drawing Machine Setters, Operators, & Tenders, Metal & Plastic	70	60	-10	-14.3	0
51-4022	Forging Machine Setters, Operators, & Tenders, Metal & Plastic	40	40	0	0.0	0
51-4023	Rolling Machine Setters, Operators, & Tenders, Metal & Plastic	10	10	0	0.0	0
51-4031	Cutting, Punching, & Press Machine Setters, Operators, & Tenders, Metal & Plastic	60	60	0	0.0	0
51-4032	Drilling & Boring Machine Tool Setters, Operators, & Tenders, Metal & Plastic	10	10	0	0.0	0
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, & Tenders, Metal & Plastic	20	20	0	0.0	0
51-4034	Lathe & Turning Machine Tool Setters, Operators, & Tenders, Metal & Plastic	20	20	0	0.0	0
51-4035	Milling & Planing Machine Setters, Operators, & Tenders, Metal & Plastic	10	10	0	0.0	0
51-4041	Machinists	150	160	10	6.7	0
51-4072	Molding, Coremaking, & Casting Machine Setters, Operators, & Tenders, Metal & Plastic	40	40	0	0.0	0
51-4081	Multiple Machine Tool Setters, Operators, & Tenders, Metal & Plastic	20	30	10	50.0	0
51-4111	Tool & Die Makers	10	20	10	100.0	0
51-4121	Welders, Cutters, Solderers, & Brazers	230	260	30	13.0	10
51-4122	Welding, Soldering, & Brazing Machine Setters, Operators, & Tenders	10	10	0	0.0	0
51-4193	Plating & Coating Machine Setters, Operators, & Tenders, Metal & Plastic	10	10	0	0.0	0
51-4199	Metal Workers & Plastic Workers, All Other	10	10	0	0.0	0
51-5011	Bindery Workers	20	10	-10	-50.0	0
51-5021	Job Printers	20	20	0	0.0	0
51-5022	Prepress Technicians & Workers	30	30	0	0.0	0
51-5023	Printing Machine Operators	50	50	0	0.0	0
51-6011	Laundry & Dry-Cleaning Workers	160	190	30	18.8	0
51-6021	Pressers, Textile, Garment, & Related Materials	10	10	0	0.0	0
51-6031	Sewing Machine Operators	40	40	0	0.0	0
51-6052	Tailors, Dressmakers, & Custom Sewers	10	10	0	0.0	0
51-6093	Upholsterers	10	10	0	0.0	0
51-6099	Textile, Apparel, & Furnishings Workers, All Other	10	10	0	0.0	0

**Northwest Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
51-7011	Cabinetmakers & Bench Carpenters	70	80	10	14.3	0
51-7021	Furniture Finishers	30	30	0	0.0	0
51-7041	Sawing Machine Setters, Operators, & Tenders, Wood	20	20	0	0.0	0
51-7042	Woodworking Machine Setters, Operators, & Tenders, Except Sawing	50	50	0	0.0	0
51-8012	Power Distributors & Dispatchers	10	10	0	0.0	0
51-8013	Power Plant Operators	40	50	10	25.0	0
51-8021	Stationary Engineers & Boiler Operators	20	20	0	0.0	0
51-8031	Water & Liquid Waste Treatment Plant & System Operators	80	100	20	25.0	0
51-8091	Chemical Plant & System Operators	40	40	0	0.0	0
51-8092	Gas Plant Operators	20	20	0	0.0	0
51-8093	Petroleum Pump System Operators, Refinery Operators, & Gaugers	70	80	10	14.3	0
51-8099	Plant & System Operators, All Other	10	10	0	0.0	0
51-9011	Chemical Equipment Operators & Tenders	20	20	0	0.0	0
51-9012	Separating, Filtering, Clarifying, Precipitating, & Still Machine Setters, Operators, & Tenders	20	20	0	0.0	0
51-9021	Crushing, Grinding, & Polishing Machine Setters, Operators, & Tenders	30	30	0	0.0	0
51-9022	Grinding & Polishing Workers, Hand	20	20	0	0.0	0
51-9023	Mixing & Blending Machine Setters, Operators, & Tenders	90	80	-10	-11.1	0
51-9031	Cutters & Trimmers, Hand	10	10	0	0.0	0
51-9032	Cutting & Slicing Machine Setters, Operators, & Tenders	10	20	10	100.0	0
51-9041	Extruding, Forming, Pressing, & Compacting Machine Setters, Operators, & Tenders	10	10	0	0.0	0
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	170	200	30	17.6	0
51-9071	Jewelers & Precious Stone & Metal Workers	10	10	0	0.0	0
51-9081	Dental Laboratory Technicians	30	30	0	0.0	0
51-9083	Ophthalmic Laboratory Technicians	20	10	-10	-50.0	0
51-9111	Packaging & Filling Machine Operators & Tenders	140	160	20	14.3	0
51-9121	Coating, Painting, & Spraying Machine Setters, Operators, & Tenders	40	50	10	25.0	0
51-9122	Painters, Transportation Equipment	20	20	0	0.0	0
51-9123	Painting, Coating, & Decorating Workers	10	10	0	0.0	0
51-9131	Photographic Process Workers	10	10	0	0.0	0
51-9132	Photographic Processing Machine Operators	20	20	0	0.0	0
51-9192	Cleaning, Washing, & Metal Pickling Equipment Operators & Tenders	10	10	0	0.0	0
51-9197	Tire Builders	10	10	0	0.0	0
51-9198	Helpers--Production Workers	140	150	10	7.1	0
51-9199	Production Workers, All Other	120	130	10	8.3	0
<b>53-0000</b>	<b>Transportation &amp; Material Moving Occupations</b>	<b>4,810</b>	<b>5,350</b>	<b>540</b>	<b>11.2</b>	<b>130</b>
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand	90	100	10	11.1	0
53-1031	First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators	160	180	20	12.5	0
53-2021	Air Traffic Controllers	10	10	0	0.0	0
53-3011	Ambulance Drivers & Attendants, Except Emergency Medical Technicians	10	10	0	0.0	0
53-3021	Bus Drivers, Transit & Intercity	30	30	0	0.0	0

## Northwest Region 2012 Occupational Outlook

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
53-3022	Bus Drivers, School	310	350	40	12.9	10
53-3031	Driver/Sales Workers	240	250	10	4.2	0
53-3032	Truck Drivers, Heavy & Tractor-Trailer	1,360	1,620	260	19.1	50
53-3033	Truck Drivers, Light or Delivery Services	410	470	60	14.6	10
53-3041	Taxi Drivers & Chauffeurs	40	40	0	0.0	0
53-3099	Motor Vehicle Operators, All Other	20	20	0	0.0	0
53-4011	Locomotive Engineers	30	30	0	0.0	0
53-4021	Railroad Brake, Signal, & Switch Operators	20	20	0	0.0	0
53-4031	Railroad Conductors & Yardmasters	20	30	10	50.0	0
53-6021	Parking Lot Attendants	10	10	0	0.0	0
53-6031	Service Station Attendants	90	100	10	11.1	0
53-6041	Traffic Technicians	10	10	0	0.0	0
53-6051	Transportation Inspectors	10	10	0	0.0	0
53-6099	Transportation Workers, All Other	10	10	0	0.0	0
53-7011	Conveyor Operators & Tenders	70	70	0	0.0	0
53-7021	Crane & Tower Operators	20	20	0	0.0	0
53-7032	Excavating & Loading Machine & Dragline Operators	20	20	0	0.0	0
53-7041	Hoist & Winch Operators	10	10	0	0.0	0
53-7051	Industrial Truck & Tractor Operators	220	240	20	9.1	0
53-7061	Cleaners of Vehicles & Equipment	150	170	20	13.3	10
53-7062	Laborers & Freight, Stock, & Material Movers, Hand	810	800	-10	-1.2	30
53-7063	Machine Feeders & Offbearers	40	40	0	0.0	0
53-7064	Packers & Packagers, Hand	330	380	50	15.2	20
53-7071	Gas Compressor & Gas Pumping Station Operators	10	10	0	0.0	0
53-7073	Wellhead Pumpers	140	180	40	28.6	0
53-7081	Refuse & Recyclable Material Collectors	80	90	10	12.5	0
53-7121	Tank Car, Truck, & Ship Loaders	10	10	0	0.0	0
53-7199	Material Moving Workers, All Other	20	10	-10	-50.0	0

Footnotes:

1 *Average Annual Employment* in the 2002 and 2012 columns may not add due to suppression and rounding.

2 The net employment increase and net replacements were calculated together to create *Total Annual Openings*. If net employment change is negative, job openings due to growth are zero and total job openings equal net replacements. Turnover rates are not included in this data. Total Annual Openings may not add due to suppression and rounding.

## **Southwest Region**



## Southwest Kansas Region Occupational Trends

In 2002, total occupational employment was 93,680 and is projected to reach 104,340 in 2012, or 11.4 percent growth over the period. The largest occupational group in Southwest Kansas is **Management** occupations, with 16,750 workers in 2002 and a projected employment of 16,860 in 2012. The **Office and Administrative Support** occupational group is second largest with 11,020 and the **Production** occupational group ranks third with employment of 10,540 for 2002. These employment rankings will remain the same through the year 2012.

The **Education, Training and Library** occupational group is expected to have the largest numerical jobs growth, 1,390, followed by the **Sales and Related** occupational group with growth of 940. Two occupational groups, **Computer and Mathematical** and **Healthcare Support**, will experience the greatest percent change, 23.9 and 23.6 percent, respectively.

The largest number of annual job openings, 340, is found in the **Sales and Related** occupational group, followed by the **Office and Administrative Support** occupations group with 290 each year over the 10-year period. Within the **Sales and Related** occupational group, **cashiers** are projected to have the most annual job openings, 140, followed by **retail salespersons** with 100 annual job openings.

**Southwest Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
	<b><u>Total, All Southwest Occupations</u></b>	<b><u>93,680</u></b>	<b><u>104,340</u></b>	<b><u>10,660</u></b>	<b><u>11.4</u></b>	<b><u>2,740</u></b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>16,750</b>	<b>16,860</b>	<b>110</b>	<b>0.7</b>	<b>80</b>
11-1011	Chief Executives	290	340	50	17.2	20
11-1021	General & Operations Managers	920	1,050	130	14.1	30
11-1031	Legislators	90	100	10	11.1	0
11-2011	Advertising & Promotions Managers	20	20	0	0.0	0
11-2021	Marketing Managers	40	50	10	25.0	0
11-2022	Sales Managers	110	140	30	27.3	0
11-2031	Public Relations Managers	20	20	0	0.0	0
11-3011	Administrative Services Managers	100	110	10	10.0	0
11-3021	Computer & Information Systems Managers	70	80	10	14.3	0
11-3031	Financial Managers	200	230	30	15.0	0
11-3040	Human Resources Managers	50	60	10	20.0	0
11-3051	Industrial Production Managers	90	100	10	11.1	0
11-3061	Purchasing Managers	30	30	0	0.0	0
11-3071	Transportation, Storage, & Distribution Managers	50	60	10	20.0	0
11-9011	Farm, Ranch, & Other Agricultural Managers	750	880	130	17.3	20
11-9012	Farmers & Ranchers	12,790	12,290	-500	-3.9	10
11-9021	Construction Managers	120	130	10	8.3	0
11-9031	Education Administrators, Preschool & Child Care Center/Program	20	20	0	0.0	0
11-9032	Education Administrators, Elementary & Secondary School	210	260	50	23.8	20
11-9033	Education Administrators, Postsecondary	30	40	10	33.3	0
11-9039	Education Administrators, All Other	10	10	0	0.0	0
11-9041	Engineering Managers	40	50	10	25.0	0
11-9051	Food Service Managers	130	140	10	7.7	0
11-9061	Funeral Directors	50	50	0	0.0	0
11-9081	Lodging Managers	20	20	0	0.0	0
11-9111	Medical & Health Services Managers	140	180	40	28.6	0
11-9121	Natural Sciences Managers	10	10	0	0.0	0
11-9131	Postmasters & Mail Superintendents	30	30	0	0.0	0
11-9141	Property, Real Estate, & Community Association Managers	40	50	10	25.0	0
11-9151	Social & Community Service Managers	40	50	10	25.0	0
11-9199	Managers, All Other	240	260	20	8.3	10
<b>13-0000</b>	<b>Business &amp; Financial Operations Occupations</b>	<b>2,020</b>	<b>2,330</b>	<b>310</b>	<b>15.3</b>	<b>40</b>
13-1021	Purchasing Agents & Buyers, Farm Products	50	50	0	0.0	0
13-1022	Wholesale & Retail Buyers, Except Farm Products	70	70	0	0.0	0
13-1023	Purchasing Agents, Except Wholesale, Retail, & Farm Products	80	90	10	12.5	0
13-1031	Claims Adjusters, Examiners, & Investigators	40	50	10	25.0	0
13-1041	Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation	110	110	0	0.0	0
13-1051	Cost Estimators	100	130	30	30.0	0
13-1061	Emergency Management Specialists	10	10	0	0.0	0
13-1071	Employment, Recruitment, & Placement Specialists	30	40	10	33.3	0
13-1072	Compensation, Benefits, & Job Analysis Specialists	30	30	0	0.0	0
13-1073	Training & Development Specialists	70	90	20	28.6	0
13-1111	Management Analysts	160	180	20	12.5	0
13-1121	Meeting & Convention Planners	20	20	0	0.0	0
13-1199	Business Operations Specialists, All Other	260	300	40	15.4	0
13-2011	Accountants & Auditors	490	600	110	22.4	20

**Southwest Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
13-2021	Appraisers & Assessors of Real Estate	60	70	10	16.7	0
13-2031	Budget Analysts	10	10	0	0.0	0
13-2041	Credit Analysts	20	20	0	0.0	0
13-2051	Financial Analysts	50	60	10	20.0	0
13-2052	Personal Financial Advisors	30	40	10	33.3	0
13-2053	Insurance Underwriters	20	20	0	0.0	0
13-2061	Financial Examiners	10	10	0	0.0	0
13-2072	Loan Officers	210	220	10	4.8	0
13-2081	Tax Examiners, Collectors, & Revenue Agents	30	30	0	0.0	0
13-2082	Tax Preparers	40	50	10	25.0	0
13-2099	Financial Specialists, All Other	20	30	10	50.0	0
<b>15-0000</b>	<b>Computer &amp; Mathematical Occupations</b>	<b>670</b>	<b>830</b>	<b>160</b>	<b>23.9</b>	<b>20</b>
15-1021	Computer Programmers	90	100	10	11.1	0
15-1031	Computer Software Engineers, Applications	80	90	10	12.5	0
15-1032	Computer Software Engineers, Systems Software	20	30	10	50.0	0
15-1041	Computer Support Specialists	150	180	30	20.0	0
15-1051	Computer Systems Analysts	130	150	20	15.4	0
15-1061	Database Administrators	20	30	10	50.0	0
15-1071	Network & Computer Systems Administrators	110	140	30	27.3	0
15-1081	Network Systems & Data Communications Analysts	40	60	20	50.0	0
15-1099	Computer Specialists, All Other	20	30	10	50.0	0
15-2031	Operations Research Analysts	10	10	0	0.0	0
<b>17-0000</b>	<b>Architecture &amp; Engineering Occupations</b>	<b>590</b>	<b>680</b>	<b>90</b>	<b>15.3</b>	<b>10</b>
17-1011	Architects, Except Landscape & Naval	20	20	0	0.0	0
17-1012	Landscape Architects	10	10	0	0.0	0
17-1021	Cartographers & Photogrammetrists	10	20	10	100.0	0
17-1022	Surveyors	10	10	0	0.0	0
17-2011	Aerospace Engineers	10	10	0	0.0	0
17-2041	Chemical Engineers	10	10	0	0.0	0
17-2051	Civil Engineers	60	60	0	0.0	0
17-2071	Electrical Engineers	20	30	10	50.0	0
17-2072	Electronics Engineers, Except Computer	70	70	0	0.0	0
17-2081	Environmental Engineers	10	10	0	0.0	0
17-2111	Health & Safety Engineers, Except Mining Safety Engineers & Inspectors	10	10	0	0.0	0
17-2112	Industrial Engineers	20	30	10	50.0	0
17-2141	Mechanical Engineers	50	60	10	20.0	0
17-2171	Petroleum Engineers	20	20	0	0.0	0
17-2199	Engineers, All Other	40	40	0	0.0	0
17-3011	Architectural & Civil Drafters	20	30	10	50.0	0
17-3012	Electrical & Electronics Drafters	10	10	0	0.0	0
17-3013	Mechanical Drafters	20	30	10	50.0	0
17-3022	Civil Engineering Technicians	90	90	0	0.0	0
17-3023	Electrical & Electronic Engineering Technicians	20	30	10	50.0	0
17-3026	Industrial Engineering Technicians	10	10	0	0.0	0
17-3027	Mechanical Engineering Technicians	10	10	0	0.0	0
17-3031	Surveying & Mapping Technicians	20	30	10	50.0	0
17-3099	Drafters, Engineering, & Mapping Technicians, All Other	20	30	10	50.0	0
<b>19-0000</b>	<b>Life, Physical, &amp; Social Science Occupations</b>	<b>420</b>	<b>480</b>	<b>60</b>	<b>14.3</b>	<b>10</b>
19-1010	Agricultural & Food Scientists	10	10	0	0.0	0

**Southwest Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
19-1023	Zoologists & Wildlife Biologists	10	10	0	0.0	0
19-1031	Conservation Scientists	10	10	0	0.0	0
19-1042	Medical Scientists, Except Epidemiologists	10	10	0	0.0	0
19-1099	Life Scientists, All Other	10	10	0	0.0	0
19-2031	Chemists	20	20	0	0.0	0
19-2041	Environmental Scientists & Specialists, Including Health	30	40	10	33.3	0
19-2042	Geoscientists, Except Hydrologists & Geographers	10	10	0	0.0	0
19-2099	Physical Scientists, All Other	10	10	0	0.0	0
19-3021	Market Research Analysts	40	50	10	25.0	0
19-3022	Survey Researchers	10	10	0	0.0	0
19-3031	Clinical, Counseling, & School Psychologists	100	120	20	20.0	0
19-3051	Urban & Regional Planners	10	10	0	0.0	0
19-3099	Social Scientists & Related Workers, All Other	10	10	0	0.0	0
19-4011	Agricultural & Food Science Technicians	30	30	0	0.0	0
19-4021	Biological Technicians	10	10	0	0.0	0
19-4031	Chemical Technicians	20	30	10	50.0	0
19-4041	Geological & Petroleum Technicians	30	40	10	33.3	0
19-4091	Environmental Science & Protection Technicians, Including Health	10	10	0	0.0	0
19-4093	Forest & Conservation Technicians	10	10	0	0.0	0
19-4099	Life, Physical, & Social Science Technicians, All Other	20	20	0	0.0	0
<b>21-0000</b>	<b>Community &amp; Social Services Occupations</b>	<b>1,580</b>	<b>1,830</b>	<b>250</b>	<b>15.8</b>	<b>50</b>
21-1011	Substance Abuse & Behavioral Disorder Counselors	30	30	0	0.0	0
21-1012	Educational, Vocational, & School Counselors	150	170	20	13.3	0
21-1013	Marriage & Family Therapists	20	20	0	0.0	0
21-1014	Mental Health Counselors	40	50	10	25.0	0
21-1015	Rehabilitation Counselors	70	80	10	14.3	0
21-1021	Child, Family, & School Social Workers	100	120	20	20.0	0
21-1022	Medical & Public Health Social Workers	70	80	10	14.3	0
21-1023	Mental Health & Substance Abuse Social Workers	120	140	20	16.7	0
21-1091	Health Educators	10	10	0	0.0	0
21-1092	Probation Officers & Correctional Treatment Specialists	70	80	10	14.3	0
21-1093	Social & Human Service Assistants	320	390	70	21.9	20
21-2011	Clergy	380	420	40	10.5	10
21-2021	Directors, Religious Activities & Education	90	110	20	22.2	0
21-9099	Counselors, Social, & Religious Workers, All Other	110	130	20	18.2	0
<b>23-0000</b>	<b>Legal Occupations</b>	<b>420</b>	<b>510</b>	<b>90</b>	<b>21.4</b>	<b>10</b>
23-1011	Lawyers	210	250	40	19.0	0
23-1023	Judges, Magistrate Judges, & Magistrates	30	30	0	0.0	0
23-2011	Paralegals & Legal Assistants	80	110	30	37.5	0
23-2091	Court Reporters	10	10	0	0.0	0
23-2092	Law Clerks	10	20	10	100.0	0
23-2093	Title Examiners, Abstractors, & Searchers	20	20	0	0.0	0
23-9099	Legal & Related Workers, All Other	60	60	0	0.0	0
<b>25-0000</b>	<b>Education, Training, &amp; Library Occupations</b>	<b>6,110</b>	<b>7,500</b>	<b>1,390</b>	<b>22.7</b>	<b>250</b>
25-1011	Business Teachers, Postsecondary	30	40	10	33.3	0
25-1021	Computer Science Teachers, Postsecondary	30	50	20	66.7	0
25-1022	Mathematical Science Teachers, Postsecondary	50	60	10	20.0	0
25-1032	Engineering Teachers, Postsecondary	10	10	0	0.0	0
25-1041	Agricultural Sciences Teachers, Postsecondary	10	10	0	0.0	0

**Southwest Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
25-1042	Biological Science Teachers, Postsecondary	30	40	10	33.3	0
25-1052	Chemistry Teachers, Postsecondary	10	10	0	0.0	0
25-1063	Economics Teachers, Postsecondary	10	10	0	0.0	0
25-1065	Political Science Teachers, Postsecondary	10	10	0	0.0	0
25-1066	Psychology Teachers, Postsecondary	20	30	10	50.0	0
25-1067	Sociology Teachers, Postsecondary	10	10	0	0.0	0
25-1071	Health Specialties Teachers, Postsecondary	30	40	10	33.3	0
25-1072	Nursing Instructors & Teachers, Postsecondary	20	30	10	50.0	0
25-1081	Education Teachers, Postsecondary	10	10	0	0.0	0
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	10	10	0	0.0	0
25-1121	Art, Drama, & Music Teachers, Postsecondary	40	50	10	25.0	0
25-1122	Communications Teachers, Postsecondary	10	20	10	100.0	0
25-1123	English Language & Literature Teachers, Postsecondary	50	60	10	20.0	0
25-1124	Foreign Language & Literature Teachers, Postsecondary	20	30	10	50.0	0
25-1125	History Teachers, Postsecondary	20	30	10	50.0	0
25-1126	Philosophy & Religion Teachers, Postsecondar	10	10	0	0.0	0
25-1191	Graduate Teaching Assistants	10	10	0	0.0	0
25-1192	Home Economics Teachers, Postsecondary	10	10	0	0.0	0
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	20	30	10	50.0	0
25-1194	Vocational Education Teachers, Postsecondary	50	70	20	40.0	0
25-1199	Postsecondary Teachers, All Other	150	200	50	33.3	10
25-2011	Preschool Teachers, Except Special Education	90	120	30	33.3	0
25-2012	Kindergarten Teachers, Except Special Education	140	180	40	28.6	0
25-2021	Elementary School Teachers, Except Special Education	1,530	1,810	280	18.3	60
25-2022	Middle School Teachers, Except Special & Vocational Education	720	800	80	11.1	30
25-2023	Vocational Education Teachers, Middle School	20	20	0	0.0	0
25-2031	Secondary School Teachers, Except Special & Vocational Education	1,060	1,280	220	20.8	50
25-2032	Vocational Education Teachers, Secondary School	160	180	20	12.5	0
25-2041	Special Education Teachers, Preschool, Kindergarten, & Elementary School	210	280	70	33.3	20
25-2042	Special Education Teachers, Middle School	100	130	30	30.0	0
25-2043	Special Education Teachers, Secondary School	150	190	40	26.7	0
25-3011	Adult Literacy, Remedial Education, & GED Teachers & Instructors	40	50	10	25.0	0
25-3021	Self-Enrichment Education Teachers	50	70	20	40.0	0
25-3999	Teachers, Primary, Secondary, & Adult, All Other	490	710	220	44.9	30
25-4010	Archivists, Curators, & Museum Technicians	20	30	10	50.0	0
25-4021	Librarians	140	150	10	7.1	0
25-4031	Library Technicians	100	110	10	10.0	0
25-9021	Farm & Home Management Advisors	10	10	0	0.0	0
25-9031	Instructional Coordinators	70	90	20	28.6	0
25-9041	Teacher Assistants	320	390	70	21.9	20
25-9199	Library, Museum, Training, & Other Education Workers, All Other	10	10	0	0.0	0
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, &amp; Media Occupations</b>	<b>910</b>	<b>1,010</b>	<b>100</b>	<b>11.0</b>	<b>10</b>
27-1011	Art Directors	10	10	0	0.0	0
27-1014	Multi-Media Artists & Animators	10	10	0	0.0	0

**Southwest Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
27-1021	Commercial & Industrial Designers	10	10	0	0.0	0
27-1023	Floral Designers	110	120	10	9.1	0
27-1024	Graphic Designers	40	40	0	0.0	0
27-1025	Interior Designers	10	20	10	100.0	0
27-1026	Merchandise Displayers & Window Trimmers	20	20	0	0.0	0
27-1099	Art & Design Workers, All Other	20	30	10	50.0	0
27-2012	Producers & Directors	20	20	0	0.0	0
27-2022	Coaches & Scouts	170	200	30	17.6	0
27-2023	Umpires, Referees, & Other Sports Officials	20	20	0	0.0	0
27-2032	Choreographers	20	20	0	0.0	0
27-2041	Music Directors & Composers	30	30	0	0.0	0
27-2042	Musicians & Singers	70	90	20	28.6	0
27-3010	Announcers	50	40	-10	-20.0	0
27-3020	News Analysts, Reporters & Correspondents	40	40	0	0.0	0
27-3031	Public Relations Specialists	60	80	20	33.3	0
27-3041	Editors	40	50	10	25.0	0
27-3042	Technical Writers	10	10	0	0.0	0
27-3043	Writers & Authors	40	40	0	0.0	0
27-3091	Interpreters & Translators	20	20	0	0.0	0
27-3099	Media & Communication Workers, All Other	10	10	0	0.0	0
27-4011	Audio & Video Equipment Technicians	10	10	0	0.0	0
27-4012	Broadcast Technicians	20	20	0	0.0	0
27-4021	Photographers	30	30	0	0.0	0
27-4031	Camera Operators, Television, Video, & Motion Picture	10	10	0	0.0	0
27-4099	Media & Communication Equipment Workers, All Other	10	10	0	0.0	0
<b>29-0000</b>	<b>Healthcare Practitioners &amp; Technical Occupations</b>	<b>4,080</b>	<b>4,920</b>	<b>840</b>	<b>20.6</b>	<b>120</b>
29-1011	Chiropractors	30	30	0	0.0	0
29-1020	Dentists	60	60	0	0.0	0
29-1031	Dietitians & Nutritionists	30	30	0	0.0	0
29-1041	Optometrists	10	10	0	0.0	0
29-1051	Pharmacists	100	140	40	40.0	0
29-1061	Anesthesiologists	40	40	0	0.0	0
29-1062	Family & General Practitioners	100	110	10	10.0	0
29-1063	Internists, General	30	30	0	0.0	0
29-1064	Obstetricians & Gynecologists	20	20	0	0.0	0
29-1065	Pediatricians, General	30	30	0	0.0	0
29-1066	Psychiatrists	50	50	0	0.0	0
29-1067	Surgeons	80	80	0	0.0	0
29-1069	Physicians & Surgeons, All Other	40	40	0	0.0	0
29-1071	Physician Assistants	30	40	10	33.3	0
29-1111	Registered Nurses	1,590	2,020	430	27.0	70
29-1122	Occupational Therapists	50	70	20	40.0	0
29-1123	Physical Therapists	60	80	20	33.3	0
29-1124	Radiation Therapists	10	10	0	0.0	0
29-1125	Recreational Therapists	20	20	0	0.0	0
29-1126	Respiratory Therapists	90	120	30	33.3	0
29-1127	Speech-Language Pathologists	80	90	10	12.5	0
29-1131	Veterinarians	50	50	0	0.0	0
29-1199	Health Diagnosing & Treating Practitioners, All Other	30	30	0	0.0	0
29-2011	Medical & Clinical Laboratory Technologists	90	110	20	22.2	0
29-2012	Medical & Clinical Laboratory Technician	70	80	10	14.3	0

**Southwest Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
29-2021	Dental Hygienists	70	90	20	28.6	0
29-2031	Cardiovascular Technologists & Technicians	30	40	10	33.3	0
29-2032	Diagnostic Medical Sonographers	20	30	10	50.0	0
29-2033	Nuclear Medicine Technologists	10	10	0	0.0	0
29-2034	Radiologic Technologists & Technicians	100	120	20	20.0	0
29-2041	Emergency Medical Technicians & Paramedics	200	230	30	15.0	0
29-2051	Dietetic Technicians	20	20	0	0.0	0
29-2052	Pharmacy Technicians	90	110	20	22.2	0
29-2053	Psychiatric Technicians	50	50	0	0.0	0
29-2054	Respiratory Therapy Technicians	20	20	0	0.0	0
29-2055	Surgical Technologists	40	60	20	50.0	0
29-2056	Veterinary Technologists & Technicians	20	20	0	0.0	0
29-2061	Licensed Practical & Licensed Vocational Nurses	370	420	50	13.5	20
29-2071	Medical Records & Health Information Technicians	120	170	50	41.7	10
29-2081	Opticians, Dispensing	40	40	0	0.0	0
29-9010	Occupational Health & Safety Specialists & Technicians	30	30	0	0.0	0
29-9091	Athletic Trainers	10	10	0	0.0	0
29-9199	Health Professionals & Technicians, All Other	50	60	10	20.0	0
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>2,030</b>	<b>2,510</b>	<b>480</b>	<b>23.6</b>	<b>70</b>
31-1011	Home Health Aides	180	220	40	22.2	0
31-1012	Nursing Aides, Orderlies, & Attendants	1,110	1,350	240	21.6	40
31-1013	Psychiatric Aides	200	240	40	20.0	0
31-2011	Occupational Therapist Assistants	10	10	0	0.0	0
31-2021	Physical Therapist Assistants	40	60	20	50.0	0
31-2022	Physical Therapist Aides	20	30	10	50.0	0
31-9011	Massage Therapists	10	10	0	0.0	0
31-9091	Dental Assistants	130	170	40	30.8	0
31-9092	Medical Assistants	130	180	50	38.5	10
31-9093	Medical Equipment Preparers	20	30	10	50.0	0
31-9094	Medical Transcriptionists	60	70	10	16.7	0
31-9095	Pharmacy Aides	20	20	0	0.0	0
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	40	50	10	25.0	0
31-9099	Healthcare Support Workers, All Other	60	70	10	16.7	0
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>1,800</b>	<b>2,070</b>	<b>270</b>	<b>15.0</b>	<b>80</b>
33-1011	First-Line Supervisors/Managers of Correctional Officers	20	20	0	0.0	0
33-1012	First-Line Supervisors/Managers of Police & Detectives	120	140	20	16.7	0
33-1021	First-Line Supervisors/Managers of Fire Fighting & Prevention Workers	60	70	10	16.7	0
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	20	20	0	0.0	0
33-2011	Fire Fighters	240	280	40	16.7	10
33-2021	Fire Inspectors & Investigators	10	10	0	0.0	0
33-3012	Correctional Officers & Jailers	310	330	20	6.5	10
33-3021	Detectives & Criminal Investigators	50	60	10	20.0	0
33-3051	Police & Sheriff's Patrol Officers	500	570	70	14.0	20
33-9011	Animal Control Workers	20	20	0	0.0	0
33-9021	Private Detectives & Investigators	10	10	0	0.0	0
33-9032	Security Guards	280	330	50	17.9	20
33-9091	Crossing Guards	40	50	10	25.0	0
33-9099	Protective Service Workers, All Other	120	150	30	25.0	10

**Southwest Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
<b>35-0000</b>	<b>Food Preparation &amp; Serving Related Occupations</b>	<b>5,210</b>	<b>6,040</b>	<b>830</b>	<b>15.9</b>	<b>280</b>
35-1011	Chefs & Head Cooks	50	60	10	20.0	0
35-1012	First-Line Supervisors/Managers of Food Preparation & Serving Workers	470	550	80	17.0	20
35-2011	Cooks, Fast Food	400	440	40	10.0	10
35-2012	Cooks, Institution & Cafeteria	560	570	10	1.8	20
35-2014	Cooks, Restaurant	270	310	40	14.8	10
35-2015	Cooks, Short Order	130	140	10	7.7	0
35-2021	Food Preparation Workers	520	630	110	21.2	30
35-3011	Bartenders	160	170	10	6.3	10
35-3021	Combined Food Preparation & Serving Workers, Including Fast Food	1,060	1,340	280	26.4	80
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee Shop	180	210	30	16.7	10
35-3031	Waiters & Waitresses	880	1,030	150	17.0	70
35-3041	Food Servers, Nonrestaurant	110	120	10	9.1	0
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	110	130	20	18.2	0
35-9021	Dishwashers	170	180	10	5.9	10
35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	110	130	20	18.2	0
35-9099	Food Preparation & Serving Related Workers, All Other	30	30	0	0.0	0
<b>37-0000</b>	<b>Building &amp; Grounds Cleaning &amp; Maintenance Occupations</b>	<b>3,260</b>	<b>3,900</b>	<b>640</b>	<b>19.6</b>	<b>120</b>
37-1011	First-Line Supervisors/Managers of Housekeeping & Janitorial Workers	150	170	20	13.3	0
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, & Groundskeeping Workers	70	80	10	14.3	0
37-2011	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	1,590	1,890	300	18.9	60
37-2012	Maids & Housekeeping Cleaners	640	780	140	21.9	20
37-2021	Pest Control Workers	40	40	0	0.0	0
37-3011	Landscaping & Groundskeeping Workers	670	820	150	22.4	40
37-3012	Pesticide Handlers, Sprayers, & Applicators, Vegetation	70	80	10	14.3	0
37-3013	Tree Trimmers & Pruners	10	10	0	0.0	0
37-9099	Building & Grounds Cleaning & Maintenance Workers, All Other	20	30	10	50.0	0
<b>39-0000</b>	<b>Personal Care &amp; Service Occupations</b>	<b>1,850</b>	<b>2,120</b>	<b>270</b>	<b>14.6</b>	<b>60</b>
39-1012	Slot Key Persons	10	10	0	0.0	0
39-1021	First-Line Supervisors/Managers of Personal Service Workers	80	90	10	12.5	0
39-2011	Animal Trainers	20	20	0	0.0	0
39-2021	Nonfarm Animal Caretakers	60	60	0	0.0	0
39-3011	Gaming Dealers	10	10	0	0.0	0
39-3012	Gaming & Sports Book Writers & Runners	10	10	0	0.0	0
39-3031	Ushers, Lobby Attendants, & Ticket Takers	40	50	10	25.0	0
39-3091	Amusement & Recreation Attendants	90	110	20	22.2	0
39-3093	Locker Room, Coatroom, & Dressing Room Attendants	20	20	0	0.0	0
39-3199	Gaming Workers, All Other	30	30	0	0.0	0
39-4011	Embalmers	30	30	0	0.0	0
39-4021	Funeral Attendants	10	10	0	0.0	0
39-5011	Barbers	50	50	0	0.0	0



**Southwest Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
39-5012	Hairdressers, Hairstylists, & Cosmetologists	310	330	20	6.5	10
39-5092	Manicurists & Pedicurists	20	20	0	0.0	0
39-5093	Shampooers	10	10	0	0.0	0
39-5094	Skin Care Specialists	20	20	0	0.0	0
39-6011	Baggage Porters & Bellhops	10	10	0	0.0	0
39-6021	Tour Guides & Escorts	20	20	0	0.0	0
39-6032	Transportation Attendants, Except Flight Attendants & Baggage Porters	20	30	10	50.0	0
39-9011	Child Care Workers	430	500	70	16.3	20
39-9021	Personal & Home Care Aides	320	400	80	25.0	20
39-9031	Fitness Trainers & Aerobics Instructors	70	100	30	42.9	0
39-9032	Recreation Workers	130	150	20	15.4	0
39-9041	Residential Advisors	10	10	0	0.0	0
39-9099	Personal Care & Service Workers, All Other	20	20	0	0.0	0
<b>41-0000</b>	<b>Sales &amp; Related Occupations</b>	<b>7,440</b>	<b>8,380</b>	<b>940</b>	<b>12.6</b>	<b>340</b>
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	730	840	110	15.1	20
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	170	200	30	17.6	0
41-2011	Cashiers	2,200	2,520	320	14.5	140
41-2021	Counter & Rental Clerks	180	220	40	22.2	10
41-2022	Parts Salespersons	170	170	0	0.0	10
41-2031	Retail Salespersons	1,850	2,100	250	13.5	100
41-3011	Advertising Sales Agents	70	70	0	0.0	0
41-3021	Insurance Sales Agents	570	570	0	0.0	10
41-3031	Securities, Commodities, & Financial Services Sales Agents	70	70	0	0.0	0
41-3041	Travel Agents	10	10	0	0.0	0
41-4011	Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	110	130	20	18.2	0
41-4012	Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	660	760	100	15.2	30
41-9011	Demonstrators & Product Promoters	30	30	0	0.0	0
41-9021	Real Estate Brokers	90	90	0	0.0	0
41-9022	Real Estate Sales Agents	240	250	10	4.2	10
41-9031	Sales Engineers	10	10	0	0.0	0
41-9041	Telemarketers	70	70	0	0.0	0
41-9091	Door-To-Door Sales Workers, News & Street Vendors, & Related Workers	20	20	0	0.0	0
41-9099	Sales & Related Workers, All Other	190	240	50	26.3	10
<b>43-0000</b>	<b>Office &amp; Administrative Support Occupations</b>	<b>11,020</b>	<b>11,630</b>	<b>610</b>	<b>5.5</b>	<b>290</b>
43-1011	First-Line Supervisors/Managers of Office & Administrative Support Workers	690	730	40	5.8	20
43-2011	Switchboard Operators, Including Answering Service	80	80	0	0.0	0
43-3011	Bill & Account Collectors	130	160	30	23.1	0
43-3021	Billing & Posting Clerks & Machine Operators	290	300	10	3.4	10
43-3031	Bookkeeping, Accounting, & Auditing Clerks	1,220	1,290	70	5.7	30
43-3051	Payroll & Timekeeping Clerks	110	120	10	9.1	0
43-3061	Procurement Clerks	40	40	0	0.0	0
43-3071	Tellers	450	480	30	6.7	20
43-4011	Brokerage Clerks	10	10	0	0.0	0
43-4021	Correspondence Clerks	10	10	0	0.0	0

**Southwest Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
43-4031	Court, Municipal, & License Clerks	110	120	10	9.1	0
43-4041	Credit Authorizers, Checkers, & Clerks	10	10	0	0.0	0
43-4051	Customer Service Representatives	680	790	110	16.2	20
43-4061	Eligibility Interviewers, Government Programs	50	50	0	0.0	0
43-4071	File Clerks	110	100	-10	-9.1	0
43-4081	Hotel, Motel, & Resort Desk Clerks	130	160	30	23.1	10
43-4111	Interviewers, Except Eligibility & Loan	100	130	30	30.0	0
43-4121	Library Assistants, Clerical	120	140	20	16.7	10
43-4131	Loan Interviewers & Clerks	90	70	-20	-22.2	0
43-4141	New Accounts Clerks	70	70	0	0.0	0
43-4151	Order Clerks	130	110	-20	-15.4	0
43-4161	Human Resources Assistants, Except Payroll & Timekeeping	60	70	10	16.7	0
43-4171	Receptionists & Information Clerks	400	480	80	20.0	20
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	30	40	10	33.3	0
43-4999	Financial, Information, & Record Clerks, All Other	120	120	0	0.0	0
43-5011	Cargo & Freight Agents	30	30	0	0.0	0
43-5021	Couriers & Messengers	40	40	0	0.0	0
43-5031	Police, Fire, & Ambulance Dispatchers	110	120	10	9.1	0
43-5032	Dispatchers, Except Police, Fire, & Ambulance	70	70	0	0.0	0
43-5041	Meter Readers, Utilities	70	70	0	0.0	0
43-5051	Postal Service Clerks	40	50	10	25.0	0
43-5052	Postal Service Mail Carriers	190	230	40	21.1	10
43-5053	Postal Service Mail Sorters, Processors, & Processing Machine Operators	90	100	10	11.1	0
43-5061	Production, Planning, & Expediting Clerks	100	120	20	20.0	0
43-5071	Shipping, Receiving, & Traffic Clerks	320	320	0	0.0	10
43-5081	Stock Clerks & Order Fillers	820	780	-40	-4.9	30
43-5111	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	70	80	10	14.3	0
43-6011	Executive Secretaries & Administrative Assistants	770	810	40	5.2	20
43-6012	Legal Secretaries	90	120	30	33.3	0
43-6013	Medical Secretaries	120	130	10	8.3	0
43-6014	Secretaries, Except Legal, Medical, & Executive	1,090	1,080	-10	-0.9	20
43-9011	Computer Operators	50	40	-10	-20.0	0
43-9021	Data Entry Keyers	120	110	-10	-8.3	0
43-9022	Word Processors & Typists	40	30	-10	-25.0	0
43-9031	Desktop Publishers	10	10	0	0.0	0
43-9041	Insurance Claims & Policy Processing Clerks	30	30	0	0.0	0
43-9051	Mail Clerks & Mail Machine Operators, Except Postal Service	30	20	-10	-33.3	0
43-9061	Office Clerks, General	1,370	1,460	90	6.6	40
43-9071	Office Machine Operators, Except Computer	20	20	0	0.0	0
43-9999	Secretaries, Administrative Assistants, & Other Office Support Workers, All Other	90	80	-10	-11.1	0
<b>45-0000</b>	<b>Farming, Fishing, &amp; Forestry Occupations</b>	<b>2,960</b>	<b>3,430</b>	<b>470</b>	<b>15.9</b>	<b>130</b>
45-1011	First-Line Supervisors/Managers of Farming, Fishing, & Forestry Workers	110	120	10	9.1	0
45-2011	Agricultural Inspectors	30	30	0	0.0	0
45-2021	Animal Breeders	20	20	0	0.0	0

**Southwest Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
45-2041	Graders & Sorters, Agricultural Products	130	150	20	15.4	0
45-2091	Agricultural Equipment Operators	360	430	70	19.4	20
45-2092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	1,760	2,040	280	15.9	80
45-2093	Farmworkers, Farm & Ranch Animals	310	360	50	16.1	20
45-9099	Farming, Fishing, & Forestry Workers, All Other	240	280	40	16.7	10
<b>47-0000</b>	<b>Construction &amp; Extraction Occupations</b>	<b>4,040</b>	<b>4,870</b>	<b>830</b>	<b>20.5</b>	<b>150</b>
47-1011	First-Line Supervisors/Managers of Construction Trades & Extraction Workers	430	510	80	18.6	20
47-2021	Brickmasons & Blockmasons	30	40	10	33.3	0
47-2022	Stonemasons	10	10	0	0.0	0
47-2031	Carpenters	400	470	70	17.5	20
47-2041	Carpet Installers	30	30	0	0.0	0
47-2042	Floor Layers, Except Carpet, Wood, & Hard Tiles	10	10	0	0.0	0
47-2044	Tile & Marble Setters	10	10	0	0.0	0
47-2051	Cement Masons & Concrete Finishers	110	140	30	27.3	0
47-2061	Construction Laborers	470	560	90	19.1	20
47-2071	Paving, Surfacing, & Tamping Equipment Operators	60	70	10	16.7	0
47-2073	Operating Engineers & Other Construction Equipment Operators	480	560	80	16.7	20
47-2081	Drywall & Ceiling Tile Installers	10	20	10	100.0	0
47-2082	Tapers	10	10	0	0.0	0
47-2111	Electricians	200	240	40	20.0	0
47-2121	Glaziers	20	20	0	0.0	0
47-2130	Insulation Workers	20	20	0	0.0	0
47-2141	Painters, Construction & Maintenance	100	110	10	10.0	0
47-2151	Pipelayers	40	50	10	25.0	0
47-2152	Plumbers, Pipefitters, & Steamfitters	240	270	30	12.5	10
47-2161	Plasterers & Stucco Masons	20	20	0	0.0	0
47-2171	Reinforcing Iron & Rebar Workers	10	10	0	0.0	0
47-2181	Roofers	70	90	20	28.6	0
47-2211	Sheet Metal Workers	70	70	0	0.0	0
47-2221	Structural Iron & Steel Workers	20	20	0	0.0	0
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, & Tile & Marble Setters	30	30	0	0.0	0
47-3012	Helpers--Carpenters	50	60	10	20.0	0
47-3013	Helpers--Electricians	30	30	0	0.0	0
47-3014	Helpers--Painters, Paperhangers, Plasterers, & Stucco Masons	10	10	0	0.0	0
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, & Steamfitters	40	40	0	0.0	0
47-3016	Helpers--Roofers	10	20	10	100.0	0
47-3019	Helpers, Construction Trades, All Other	10	10	0	0.0	0
47-4011	Construction & Building Inspectors	30	40	10	33.3	0
47-4031	Fence Erectors	10	10	0	0.0	0
47-4041	Hazardous Materials Removal Workers	10	10	0	0.0	0
47-4051	Highway Maintenance Workers	130	150	20	15.4	0
47-4061	Rail-Track Laying & Maintenance Equipment Operators	10	10	0	0.0	0
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	20	20	0	0.0	0
47-4999	Construction Trades & Related Workers, All Other	10	10	0	0.0	0
47-5011	Derrick Operators, Oil & Gas	100	130	30	30.0	0
47-5012	Rotary Drill Operators, Oil & Gas	170	230	60	35.3	20
47-5013	Service Unit Operators, Oil, Gas, & Mining	140	200	60	42.9	10

**Southwest Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
47-5021	Earth Drillers, Except Oil & Gas	10	10	0	0.0	0
47-5071	Roustabouts, Oil & Gas	190	250	60	31.6	20
47-5081	Helpers--Extraction Workers	150	210	60	40.0	10
47-5099	Extraction Workers, All Other	10	20	10	100.0	0
<b>49-0000</b>	<b>Installation, Maintenance, &amp; Repair Occupations</b>	<b>3,450</b>	<b>3,980</b>	<b>530</b>	<b>15.4</b>	<b>130</b>
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, & Repairers	320	380	60	18.8	20
49-2011	Computer, Automated Teller, & Office Machine Repairers	50	50	0	0.0	0
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	30	30	0	0.0	0
49-2091	Avionics Technicians	40	50	10	25.0	0
49-2092	Electric Motor, Power Tool, & Related Repairers	30	30	0	0.0	0
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	10	10	0	0.0	0
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	20	20	0	0.0	0
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation, & Relay	30	30	0	0.0	0
49-2096	Electronic Equipment Installers & Repairers, Motor Vehicles	10	10	0	0.0	0
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	20	20	0	0.0	0
49-2098	Security & Fire Alarm Systems Installers	10	10	0	0.0	0
49-3011	Aircraft Mechanics & Service Technicians	40	40	0	0.0	0
49-3021	Automotive Body & Related Repairer	130	150	20	15.4	0
49-3022	Automotive Glass Installers & Repairers	10	10	0	0.0	0
49-3023	Automotive Service Technicians & Mechanics	460	520	60	13.0	20
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	230	260	30	13.0	10
49-3041	Farm Equipment Mechanics	60	70	10	16.7	0
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	120	140	20	16.7	0
49-3043	Rail Car Repairers	10	10	0	0.0	0
49-3052	Motorcycle Mechanics	10	10	0	0.0	0
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	20	20	0	0.0	0
49-3093	Tire Repairers & Changers	140	160	20	14.3	10
49-9012	Control & Valve Installers & Repairers, Except Mechanical Door	30	40	10	33.3	0
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	120	160	40	33.3	0
49-9031	Home Appliance Repairers	20	20	0	0.0	0
49-9041	Industrial Machinery Mechanics	240	280	40	16.7	10
49-9042	Maintenance & Repair Workers, General	820	940	120	14.6	30
49-9043	Maintenance Workers, Machinery	70	80	10	14.3	0
49-9044	Millwrights	20	20	0	0.0	0
49-9051	Electrical Power-Line Installers & Repairers	150	170	20	13.3	10
49-9052	Telecommunications Line Installers & Repairers	20	30	10	50.0	0
49-9069	Precision Instrument & Equipment Repairers, All Other	10	10	0	0.0	0
49-9091	Coin, Vending, & Amusement Machine Servicers & Repairers	20	20	0	0.0	0
49-9095	Manufactured Building & Mobile Home Installers	10	10	0	0.0	0
49-9097	Signal & Track Switch Repairers	10	10	0	0.0	0

**Southwest Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
49-9098	Helpers--Installation, Maintenance, & Repair Workers	70	80	10	14.3	0
49-9099	Installation, Maintenance, & Repair Workers, All Other	40	50	10	25.0	0
<b>51-0000</b>	<b>Production Occupations</b>	<b>10,540</b>	<b>11,240</b>	<b>700</b>	<b>6.6</b>	<b>280</b>
51-1011	First-Line Supervisors/Managers of Production & Operating Workers	600	650	50	8.3	20
51-2022	Electrical & Electronic Equipment Assemblers	10	10	0	0.0	0
51-2023	Electromechanical Equipment Assemblers	20	20	0	0.0	0
51-2031	Engine & Other Machine Assemblers	40	40	0	0.0	0
51-2041	Structural Metal Fabricators & Fitters	30	30	0	0.0	0
51-2092	Team Assemblers	350	350	0	0.0	10
51-2099	Assemblers & Fabricators, All Other	40	40	0	0.0	0
51-3011	Bakers	50	70	20	40.0	0
51-3021	Butchers & Meat Cutters	350	370	20	5.7	10
51-3022	Meat, Poultry, & Fish Cutters & Trimmers	2,400	2,560	160	6.7	70
51-3023	Slaughterers & Meat Packers	2,660	2,830	170	6.4	80
51-3091	Food & Tobacco Roasting, Baking, & Drying Machine Operators & Tenders	60	60	0	0.0	0
51-3092	Food Batchmakers	190	210	20	10.5	10
51-3093	Food Cooking Machine Operators & Tenders	130	140	10	7.7	0
51-3099	Food Processing Workers, All Other	230	240	10	4.3	10
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	40	50	10	25.0	0
51-4012	Numerical Tool & Process Control Programmers	10	10	0	0.0	0
51-4021	Extruding & Drawing Machine Setters, Operators, & Tenders, Metal & Plastic	10	10	0	0.0	0
51-4031	Cutting, Punching, & Press Machine Setters, Operators, & Tenders, Metal & Plastic	40	40	0	0.0	0
51-4032	Drilling & Boring Machine Tool Setters, Operators, & Tenders, Metal & Plastic	10	10	0	0.0	0
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, & Tenders, Metal & Plastic	10	10	0	0.0	0
51-4034	Lathe & Turning Machine Tool Setters, Operators, & Tenders, Metal & Plastic	20	20	0	0.0	0
51-4041	Machinists	110	120	10	9.1	0
51-4072	Molding, Coremaking, & Casting Machine Setters, Operators, & Tenders, Metal & Plastic	10	10	0	0.0	0
51-4081	Multiple Machine Tool Setters, Operators, & Tenders, Metal & Plastic	10	10	0	0.0	0
51-4111	Tool & Die Makers	10	10	0	0.0	0
51-4121	Welders, Cutters, Solderers, & Brazers	220	250	30	13.6	10
51-4122	Welding, Soldering, & Brazing Machine Setters, Operators, & Tenders	10	10	0	0.0	0
51-4191	Heat Treating Equipment Setters, Operators, & Tenders, Metal & Plastic	10	10	0	0.0	0
51-4194	Tool Grinders, Filers, & Sharpeners	10	10	0	0.0	0
51-4199	Metal Workers & Plastic Workers, All Other	10	10	0	0.0	0
51-5011	Bindery Workers	10	10	0	0.0	0
51-5021	Job Printers	10	10	0	0.0	0
51-5022	Prepress Technicians & Workers	30	20	-10	-33.3	0
51-5023	Printing Machine Operators	70	70	0	0.0	0
51-6011	Laundry & Dry-Cleaning Workers	140	170	30	21.4	0

**Southwest Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
51-6021	Pressers, Textile, Garment, & Related Materials	30	30	0	0.0	0
51-6031	Sewing Machine Operators	20	20	0	0.0	0
51-6052	Tailors, Dressmakers, & Custom Sewers	10	10	0	0.0	0
51-6093	Upholsterers	10	10	0	0.0	0
51-6099	Textile, Apparel, & Furnishings Workers, All Other	10	10	0	0.0	0
51-7011	Cabinetmakers & Bench Carpenters	30	30	0	0.0	0
51-7021	Furniture Finishers	10	10	0	0.0	0
51-7042	Woodworking Machine Setters, Operators, & Tenders, Except Sawing	20	20	0	0.0	0
51-8012	Power Distributors & Dispatchers	10	10	0	0.0	0
51-8013	Power Plant Operators	50	60	10	20.0	0
51-8021	Stationary Engineers & Boiler Operators	30	30	0	0.0	0
51-8031	Water & Liquid Waste Treatment Plant & System Operators	100	110	10	10.0	0
51-8091	Chemical Plant & System Operators	20	20	0	0.0	0
51-8092	Gas Plant Operators	60	90	30	50.0	0
51-8093	Petroleum Pump System Operators, Refinery Operators, & Gaugers	50	60	10	20.0	0
51-8099	Plant & System Operators, All Other	10	10	0	0.0	0
51-9011	Chemical Equipment Operators & Tenders	30	30	0	0.0	0
51-9012	Separating, Filtering, Clarifying, Precipitating, & Still Machine Setters, Operators, & Tenders	30	40	10	33.3	0
51-9021	Crushing, Grinding, & Polishing Machine Setters, Operators, & Tenders	60	60	0	0.0	0
51-9023	Mixing & Blending Machine Setters, Operators, & Tenders	110	110	0	0.0	0
51-9031	Cutters & Trimmers, Hand	10	10	0	0.0	0
51-9032	Cutting & Slicing Machine Setters, Operators, & Tenders	80	90	10	12.5	0
51-9041	Extruding, Forming, Pressing, & Compacting Machine Setters, Operators, & Tenders	40	40	0	0.0	0
51-9051	Furnace, Kiln, Oven, Drier, & Kettle Operators & Tenders	10	10	0	0.0	0
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	290	310	20	6.9	10
51-9071	Jewelers & Precious Stone & Metal Workers	10	10	0	0.0	0
51-9083	Ophthalmic Laboratory Technicians	10	10	0	0.0	0
51-9111	Packaging & Filling Machine Operators & Tenders	590	630	40	6.8	10
51-9121	Coating, Painting, & Spraying Machine Setters, Operators, & Tenders	40	40	0	0.0	0
51-9122	Painters, Transportation Equipment	10	10	0	0.0	0
51-9123	Painting, Coating, & Decorating Workers	10	10	0	0.0	0
51-9131	Photographic Process Workers	10	10	0	0.0	0
51-9132	Photographic Processing Machine Operators	30	30	0	0.0	0
51-9191	Cementing & Gluing Machine Operators & Tenders	10	10	0	0.0	0
51-9192	Cleaning, Washing, & Metal Pickling Equipment Operators & Tenders	60	70	10	16.7	0
51-9193	Cooling & Freezing Equipment Operators & Tenders	50	60	10	20.0	0
51-9196	Paper Goods Machine Setters, Operators, & Tenders	20	30	10	50.0	0
51-9197	Tire Builders	10	10	0	0.0	0
51-9198	Helpers--Production Workers	300	300	0	0.0	10
51-9199	Production Workers, All Other	290	290	0	0.0	10
<b>53-0000</b>	<b>Transportation &amp; Material Moving Occupations</b>	<b>6,530</b>	<b>7,220</b>	<b>690</b>	<b>10.6</b>	<b>210</b>
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand	100	120	20	20.0	0

**Southwest Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
53-1031	First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators	190	220	30	15.8	10
53-2021	Air Traffic Controllers	20	20	0	0.0	0
53-3011	Ambulance Drivers & Attendants, Except Emergency Medical Technicians	10	10	0	0.0	0
53-3021	Bus Drivers, Transit & Intercity	20	20	0	0.0	0
53-3022	Bus Drivers, School	380	430	50	13.2	10
53-3031	Driver/Sales Workers	260	280	20	7.7	0
53-3032	Truck Drivers, Heavy & Tractor-Trailer	1,750	2,080	330	18.9	60
53-3033	Truck Drivers, Light or Delivery Services	490	570	80	16.3	20
53-3041	Taxi Drivers & Chauffeurs	30	40	10	33.3	0
53-3099	Motor Vehicle Operators, All Other	20	30	10	50.0	0
53-4011	Locomotive Engineers	20	30	10	50.0	0
53-4021	Railroad Brake, Signal, & Switch Operators	20	20	0	0.0	0
53-4031	Railroad Conductors & Yardmasters	20	20	0	0.0	0
53-6021	Parking Lot Attendants	10	10	0	0.0	0
53-6031	Service Station Attendants	90	100	10	11.1	0
53-6041	Traffic Technicians	10	10	0	0.0	0
53-6051	Transportation Inspectors	10	10	0	0.0	0
53-6099	Transportation Workers, All Other	10	10	0	0.0	0
53-7011	Conveyor Operators & Tenders	90	100	10	11.1	0
53-7021	Crane & Tower Operators	20	20	0	0.0	0
53-7032	Excavating & Loading Machine & Dragline Operators	20	30	10	50.0	0
53-7041	Hoist & Winch Operators	20	20	0	0.0	0
53-7051	Industrial Truck & Tractor Operators	350	370	20	5.7	10
53-7061	Cleaners of Vehicles & Equipment	350	360	10	2.9	10
53-7062	Laborers & Freight, Stock, & Material Movers, Hand	1,140	1,090	-50	-4.4	40
53-7063	Machine Feeders & Offbearers	90	90	0	0.0	0
53-7064	Packers & Packagers, Hand	630	650	20	3.2	10
53-7071	Gas Compressor & Gas Pumping Station Operators	30	40	10	33.3	0
53-7072	Pump Operators, Except Wellhead Pumps	10	10	0	0.0	0
53-7073	Wellhead Pumps	200	280	80	40.0	20
53-7081	Refuse & Recyclable Material Collectors	80	90	10	12.5	0
53-7121	Tank Car, Truck, & Ship Loaders	10	10	0	0.0	0
53-7199	Material Moving Workers, All Other	30	30	0	0.0	0

Footnotes:

1 *Average Annual Employment* in the 2002 and 2012 columns may not add due to suppression and rounding.

2 The net employment increase and net replacements were calculated together to create *Total Annual Openings*. If net employment change is negative, job openings due to growth are zero and total job openings equal net replacements. Turnover rates are not included in this data. Total Annual Openings may not add due to suppression and rounding.

## **South Central Region**



## South Central Kansas Region Occupational Trends

In 2002, total occupational employment was 340,050 and is projected to reach 385,530 in 2012, or 13.4 percent growth over the period. In 2002, the top three major occupational groups were **Office and Administrative Support, Production,** and **Sales and Related** occupations, with employments of 51,770, 34,990 and 33,550 respectively.

The **Sales and Related** occupational group is expected to have the largest growth in jobs with 4,300 new jobs, followed by the **Food Preparation and Serving Related** occupational group with growth of 4,230. Two occupational groups, **Healthcare Support** and **Education, Training and Library**, will experience the greatest percent change, 26.6 and 23.5 percent respectively.

The greatest number of annual openings are expected in the **Office and Administrative Support** occupational group, with 1,560, followed by the **Sales and Related** occupational group with 1,520 annual openings. These two occupational groups will have approximately one-fourth of all the annual job openings for the South Central region. Within the **Office and Administrative Support** occupational group, **office clerks, general**, are projected to have the most annual openings with 180, followed by **customer service representatives** with 140 annual openings.

The five occupations projected to add the most jobs during the 10-year period are: **registered nurses** with 1,760; **combined food preparation and serving workers, including fast food**, with 1,410; **janitors and cleaners, except maids and housekeeping cleaners**, with 1,190; **cashiers** with 1,170; and **nursing aides, orderlies, and attendants** with 1,160. These five occupations will make up 14.7 percent of the total projected employment increase.

**South Central Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
	<b><u>Total, All South Central Occupations</u></b>	<b><u>340,050</u></b>	<b><u>385,530</u></b>	<b><u>45,480</u></b>	<b><u>13.4</u></b>	<b><u>12,040</u></b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>30,610</b>	<b>32,690</b>	<b>2,080</b>	<b>6.8</b>	<b>540</b>
11-1011	Chief Executives	1,160	1,340	180	15.5	40
11-1021	General & Operations Managers	3,780	4,380	600	15.9	130
11-1031	Legislators	170	180	10	5.9	0
11-2011	Advertising & Promotions Managers	120	150	30	25.0	0
11-2021	Marketing Managers	360	420	60	16.7	20
11-2022	Sales Managers	760	940	180	23.7	30
11-2031	Public Relations Managers	90	100	10	11.1	0
11-3011	Administrative Services Managers	540	610	70	13.0	20
11-3021	Computer & Information Systems Managers	520	640	120	23.1	20
11-3031	Financial Managers	1,260	1,420	160	12.7	40
11-3040	Human Resources Managers	310	360	50	16.1	20
11-3051	Industrial Production Managers	1,180	1,270	90	7.6	30
11-3061	Purchasing Managers	230	230	0	0.0	10
11-3071	Transportation, Storage, & Distribution Managers	180	210	30	16.7	0
11-9011	Farm, Ranch, & Other Agricultural Managers	30	30	0	0.0	0
11-9012	Farmers & Ranchers	14,190	13,790	-400	-2.8	40
11-9021	Construction Managers	570	660	90	15.8	20
11-9031	Education Administrators, Preschool & Child Care Center/Program	80	100	20	25.0	0
11-9032	Education Administrators, Elementary & Secondary School	550	680	130	23.6	20
11-9033	Education Administrators, Postsecondary	180	220	40	22.2	0
11-9039	Education Administrators, All Other	30	30	0	0.0	0
11-9041	Engineering Managers	1,060	1,150	90	8.5	30
11-9051	Food Service Managers	620	720	100	16.1	20
11-9061	Funeral Directors	210	220	10	4.8	10
11-9081	Lodging Managers	60	60	0	0.0	0
11-9111	Medical & Health Services Managers	630	810	180	28.6	30
11-9121	Natural Sciences Managers	30	30	0	0.0	0
11-9131	Postmasters & Mail Superintendents	180	220	40	22.2	0
11-9141	Property, Real Estate, & Community Association Managers	250	300	50	20.0	20
11-9151	Social & Community Service Managers	200	240	40	20.0	0
11-9199	Managers, All Other	1,080	1,180	100	9.3	30
<b>13-0000</b>	<b>Business &amp; Financial Operations Occupations</b>	<b>12,520</b>	<b>14,410</b>	<b>1,890</b>	<b>15.1</b>	<b>400</b>
13-1011	Agents & Business Managers of Artists, Performers, & Athletes	10	20	10	100.0	0
13-1021	Purchasing Agents & Buyers, Farm Products	40	40	0	0.0	0
13-1022	Wholesale & Retail Buyers, Except Farm Products	390	390	0	0.0	10
13-1023	Purchasing Agents, Except Wholesale, Retail, & Farm Products	1,170	1,280	110	9.4	40
13-1031	Claims Adjusters, Examiners, & Investigators	300	330	30	10.0	0
13-1032	Insurance Appraisers, Auto Damage	10	10	0	0.0	0
13-1041	Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation	680	730	50	7.4	30
13-1051	Cost Estimators	820	970	150	18.3	40
13-1061	Emergency Management Specialists	20	30	10	50.0	0
13-1071	Employment, Recruitment, & Placement Specialists	280	330	50	17.9	10
13-1072	Compensation, Benefits, & Job Analysis Specialists	200	250	50	25.0	10
13-1073	Training & Development Specialists	400	490	90	22.5	20
13-1111	Management Analysts	970	1,100	130	13.4	20

**South Central Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
13-1121	Meeting & Convention Planners	70	80	10	14.3	0
13-1199	Business Operations Specialists, All Other	1,830	2,180	350	19.1	70
13-2011	Accountants & Auditors	2,400	2,900	500	20.8	100
13-2021	Appraisers & Assessors of Real Estate	180	210	30	16.7	0
13-2031	Budget Analysts	130	140	10	7.7	0
13-2041	Credit Analysts	140	160	20	14.3	0
13-2051	Financial Analysts	750	820	70	9.3	20
13-2052	Personal Financial Advisors	200	240	40	20.0	0
13-2053	Insurance Underwriters	120	130	10	8.3	0
13-2061	Financial Examiners	30	30	0	0.0	0
13-2071	Loan Counselors	20	20	0	0.0	0
13-2072	Loan Officers	950	1,050	100	10.5	30
13-2081	Tax Examiners, Collectors, & Revenue Agents	90	90	0	0.0	0
13-2082	Tax Preparers	160	210	50	31.3	10
13-2099	Financial Specialists, All Other	160	180	20	12.5	0
<b>15-0000</b>	<b>Computer &amp; Mathematical Occupations</b>	<b>5,610</b>	<b>6,640</b>	<b>1,030</b>	<b>18.4</b>	<b>170</b>
15-1011	Computer & Information Scientists, Research	40	50	10	25.0	0
15-1021	Computer Programmers	820	820	0	0.0	20
15-1031	Computer Software Engineers, Applications	860	1,020	160	18.6	30
15-1032	Computer Software Engineers, Systems Software	500	610	110	22.0	20
15-1041	Computer Support Specialists	1,120	1,320	200	17.9	30
15-1051	Computer Systems Analysts	900	1,090	190	21.1	30
15-1061	Database Administrators	200	250	50	25.0	10
15-1071	Network & Computer Systems Administrators	560	720	160	28.6	30
15-1081	Network Systems & Data Communications Analysts	260	350	90	34.6	10
15-1099	Computer Specialists, All Other	210	250	40	19.0	0
15-2011	Actuaries	30	30	0	0.0	0
15-2031	Operations Research Analysts	90	100	10	11.1	0
15-2041	Statisticians	20	30	10	50.0	0
<b>17-0000</b>	<b>Architecture &amp; Engineering Occupations</b>	<b>12,080</b>	<b>12,970</b>	<b>890</b>	<b>7.4</b>	<b>370</b>
17-1011	Architects, Except Landscape & Naval	140	190	50	35.7	10
17-1012	Landscape Architects	30	40	10	33.3	0
17-1021	Cartographers & Photogrammetrists	50	70	20	40.0	0
17-1022	Surveyors	60	80	20	33.3	0
17-2011	Aerospace Engineers	3,250	3,460	210	6.5	100
17-2031	Biomedical Engineers	10	10	0	0.0	0
17-2041	Chemical Engineers	80	90	10	12.5	0
17-2051	Civil Engineers	280	340	60	21.4	10
17-2061	Computer Hardware Engineers	70	80	10	14.3	0
17-2071	Electrical Engineers	380	400	20	5.3	10
17-2072	Electronics Engineers, Except Computer	510	540	30	5.9	10
17-2081	Environmental Engineers	50	70	20	40.0	0
17-2111	Health & Safety Engineers, Except Mining Safety Engineers & Inspectors	50	50	0	0.0	0
17-2112	Industrial Engineers	1,590	1,690	100	6.3	50
17-2131	Materials Engineers	510	540	30	5.9	10
17-2141	Mechanical Engineers	1,390	1,420	30	2.2	40
17-2171	Petroleum Engineers	20	20	0	0.0	0
17-2199	Engineers, All Other	800	840	40	5.0	20
17-3011	Architectural & Civil Drafters	160	190	30	18.8	0
17-3012	Electrical & Electronics Drafters	230	220	-10	-4.3	10

**South Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
17-3013	Mechanical Drafters	410	410	0	0.0	10
17-3021	Aerospace Engineering & Operations Technicians	820	860	40	4.9	20
17-3022	Civil Engineering Technicians	250	280	30	12.0	10
17-3023	Electrical & Electronic Engineering Technicians	340	370	30	8.8	10
17-3024	Electro-Mechanical Technicians	10	20	10	100.0	0
17-3025	Environmental Engineering Technicians	20	30	10	50.0	0
17-3026	Industrial Engineering Technicians	240	260	20	8.3	10
17-3027	Mechanical Engineering Technicians	100	110	10	10.0	0
17-3031	Surveying & Mapping Technicians	90	120	30	33.3	0
17-3099	Drafters, Engineering, & Mapping Technicians, All Other	140	160	20	14.3	0
<b>19-0000</b>	<b>Life, Physical, &amp; Social Science Occupations</b>	<b>1,740</b>	<b>2,000</b>	<b>260</b>	<b>14.9</b>	<b>50</b>
19-1010	Agricultural & Food Scientists	50	50	0	0.0	0
19-1021	Biochemists & Biophysicists	20	20	0	0.0	0
19-1022	Microbiologists	10	10	0	0.0	0
19-1023	Zoologists & Wildlife Biologists	10	10	0	0.0	0
19-1031	Conservation Scientists	30	20	-10	-33.3	0
19-1042	Medical Scientists, Except Epidemiologists	40	50	10	25.0	0
19-1099	Life Scientists, All Other	30	30	0	0.0	0
19-2012	Physicists	10	10	0	0.0	0
19-2021	Atmospheric & Space Scientists	10	10	0	0.0	0
19-2031	Chemists	110	130	20	18.2	0
19-2032	Materials Scientists	10	10	0	0.0	0
19-2041	Environmental Scientists & Specialists, Including Health	170	200	30	17.6	0
19-2042	Geoscientists, Except Hydrologists & Geographers	30	40	10	33.3	0
19-2043	Hydrologists	10	10	0	0.0	0
19-2099	Physical Scientists, All Other	30	30	0	0.0	0
19-3021	Market Research Analysts	310	360	50	16.1	20
19-3022	Survey Researchers	40	50	10	25.0	0
19-3031	Clinical, Counseling, & School Psychologists	320	370	50	15.6	20
19-3051	Urban & Regional Planners	20	20	0	0.0	0
19-3099	Social Scientists & Related Workers, All Other	70	70	0	0.0	0
19-4011	Agricultural & Food Science Technicians	30	40	10	33.3	0
19-4021	Biological Technicians	30	40	10	33.3	0
19-4031	Chemical Technicians	120	140	20	16.7	0
19-4041	Geological & Petroleum Technicians	20	20	0	0.0	0
19-4091	Environmental Science & Protection Technicians, Including Health	60	80	20	33.3	0
19-4092	Forensic Science Technicians	20	30	10	50.0	0
19-4093	Forest & Conservation Technicians	30	30	0	0.0	0
19-4099	Life, Physical, & Social Science Technicians, All Other	100	110	10	10.0	0
<b>21-0000</b>	<b>Community &amp; Social Services Occupations</b>	<b>5,670</b>	<b>6,750</b>	<b>1,080</b>	<b>19.0</b>	<b>210</b>
21-1011	Substance Abuse & Behavioral Disorder Counselors	90	100	10	11.1	0
21-1012	Educational, Vocational, & School Counselors	420	480	60	14.3	10
21-1013	Marriage & Family Therapists	100	100	0	0.0	0
21-1014	Mental Health Counselors	120	130	10	8.3	0
21-1015	Rehabilitation Counselors	310	370	60	19.4	20
21-1021	Child, Family, & School Social Workers	470	550	80	17.0	20
21-1022	Medical & Public Health Social Workers	240	300	60	25.0	10
21-1023	Mental Health & Substance Abuse Social Workers	270	320	50	18.5	20
21-1091	Health Educators	50	60	10	20.0	0
21-1092	Probation Officers & Correctional Treatment Specialists	140	150	10	7.1	0

**South Central Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
21-1093	Social & Human Service Assistants	1,010	1,340	330	32.7	50
21-2011	Clergy	1,620	1,820	200	12.3	50
21-2021	Directors, Religious Activities & Education	380	460	80	21.1	10
21-9099	Counselors, Social, & Religious Workers, All Other	450	570	120	26.7	20
<b>23-0000</b>	<b>Legal Occupations</b>	<b>1,640</b>	<b>1,980</b>	<b>340</b>	<b>20.7</b>	<b>40</b>
23-1011	Lawyers	800	990	190	23.8	30
23-1021	Administrative Law Judges, Adjudicators, & Hearing Officers	10	10	0	0.0	0
23-1022	Arbitrators, Mediators, & Conciliators	10	10	0	0.0	0
23-1023	Judges, Magistrate Judges, & Magistrates	60	60	0	0.0	0
23-2011	Paralegals & Legal Assistants	410	550	140	34.1	10
23-2091	Court Reporters	30	40	10	33.3	0
23-2092	Law Clerks	40	40	0	0.0	0
23-2093	Title Examiners, Abstractors, & Searchers	90	100	10	11.1	0
23-9099	Legal & Related Workers, All Other	190	180	-10	-5.3	0
<b>25-0000</b>	<b>Education, Training, &amp; Library Occupations</b>	<b>17,190</b>	<b>21,230</b>	<b>4,040</b>	<b>23.5</b>	<b>740</b>
25-1011	Business Teachers, Postsecondary	130	170	40	30.8	0
25-1021	Computer Science Teachers, Postsecondary	70	100	30	42.9	0
25-1022	Mathematical Science Teachers, Postsecondary	90	120	30	33.3	0
25-1031	Architecture Teachers, Postsecondary	20	30	10	50.0	0
25-1032	Engineering Teachers, Postsecondary	100	130	30	30.0	0
25-1041	Agricultural Sciences Teachers, Postsecondary	60	80	20	33.3	0
25-1042	Biological Science Teachers, Postsecondary	90	120	30	33.3	0
25-1051	Atmospheric, Earth, Marine, & Space Sciences Teachers, Postsecondary	10	10	0	0.0	0
25-1052	Chemistry Teachers, Postsecondary	30	40	10	33.3	0
25-1054	Physics Teachers, Postsecondary	20	30	10	50.0	0
25-1061	Anthropology & Archeology Teachers, Postsecondary	10	10	0	0.0	0
25-1062	Area, Ethnic, & Cultural Studies Teachers, Postsecondary	10	10	0	0.0	0
25-1063	Economics Teachers, Postsecondary	30	40	10	33.3	0
25-1064	Geography Teachers, Postsecondary	10	10	0	0.0	0
25-1065	Political Science Teachers, Postsecondary	20	30	10	50.0	0
25-1066	Psychology Teachers, Postsecondary	60	80	20	33.3	0
25-1067	Sociology Teachers, Postsecondary	30	40	10	33.3	0
25-1071	Health Specialties Teachers, Postsecondary	80	110	30	37.5	0
25-1072	Nursing Instructors & Teachers, Postsecondary	50	60	10	20.0	0
25-1081	Education Teachers, Postsecondary	90	120	30	33.3	0
25-1082	Library Science Teachers, Postsecondary	10	20	10	100.0	0
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	20	20	0	0.0	0
25-1112	Law Teachers, Postsecondary	10	20	10	100.0	0
25-1113	Social Work Teachers, Postsecondary	30	30	0	0.0	0
25-1121	Art, Drama, & Music Teachers, Postsecondary	160	220	60	37.5	10
25-1122	Communications Teachers, Postsecondary	50	70	20	40.0	0
25-1123	English Language & Literature Teachers, Postsecondary	110	140	30	27.3	0
25-1124	Foreign Language & Literature Teachers, Postsecondary	70	90	20	28.6	0
25-1125	History Teachers, Postsecondary	50	60	10	20.0	0
25-1126	Philosophy & Religion Teachers, Postsecondary	30	40	10	33.3	0
25-1191	Graduate Teaching Assistants	40	50	10	25.0	0
25-1192	Home Economics Teachers, Postsecondary	20	20	0	0.0	0
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	30	40	10	33.3	0

**South Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
25-1194	Vocational Education Teachers, Postsecondary	180	240	60	33.3	10
25-1199	Postsecondary Teachers, All Other	230	300	70	30.4	20
25-2011	Preschool Teachers, Except Special Education	420	510	90	21.4	20
25-2012	Kindergarten Teachers, Except Special Education	380	490	110	28.9	20
25-2021	Elementary School Teachers, Except Special Education	4,050	4,790	740	18.3	160
25-2022	Middle School Teachers, Except Special & Vocational Education	1,900	2,120	220	11.6	60
25-2023	Vocational Education Teachers, Middle School	40	50	10	25.0	0
25-2031	Secondary School Teachers, Except Special & Vocational Education	2,800	3,390	590	21.1	140
25-2032	Vocational Education Teachers, Secondary School	420	470	50	11.9	20
25-2041	Special Education Teachers, Preschool, Kindergarten, & Elementary School	560	750	190	33.9	30
25-2042	Special Education Teachers, Middle School	270	360	90	33.3	20
25-2043	Special Education Teachers, Secondary School	390	520	130	33.3	20
25-3011	Adult Literacy, Remedial Education, & GED Teachers & Instructors	90	110	20	22.2	0
25-3021	Self-Enrichment Education Teachers	290	370	80	27.6	10
25-3999	Teachers, Primary, Secondary, & Adult, All Other	1,440	2,090	650	45.1	90
25-4010	Archivists, Curators, & Museum Technicians	60	80	20	33.3	0
25-4021	Librarians	370	410	40	10.8	10
25-4031	Library Technicians	250	300	50	20.0	20
25-9011	Audio-Visual Collections Specialists	10	10	0	0.0	0
25-9021	Farm & Home Management Advisors	50	50	0	0.0	0
25-9031	Instructional Coordinators	200	250	50	25.0	10
25-9041	Teacher Assistants	1,120	1,370	250	22.3	50
25-9199	Library, Museum, Training, & Other Education Workers, All Other	30	30	0	0.0	0
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, &amp; Media Occupations</b>	<b>4,420</b>	<b>5,060</b>	<b>640</b>	<b>14.5</b>	<b>140</b>
27-1011	Art Directors	50	50	0	0.0	0
27-1013	Fine Artists, Including Painters, Sculptors, & Illustrators	20	20	0	0.0	0
27-1014	Multi-Media Artists & Animators	70	70	0	0.0	0
27-1021	Commercial & Industrial Designers	100	110	10	10.0	0
27-1023	Floral Designers	330	380	50	15.2	20
27-1024	Graphic Designers	340	400	60	17.6	20
27-1025	Interior Designers	80	100	20	25.0	0
27-1026	Merchandise Displayers & Window Trimmers	120	140	20	16.7	0
27-1027	Set & Exhibit Designers	10	10	0	0.0	0
27-1099	Art & Design Workers, All Other	130	140	10	7.7	0
27-2011	Actors	40	40	0	0.0	0
27-2012	Producers & Directors	80	90	10	12.5	0
27-2021	Athletes & Sports Competitors	10	20	10	100.0	0
27-2022	Coaches & Scouts	540	660	120	22.2	20
27-2023	Umpires, Referees, & Other Sports Officials	70	80	10	14.3	0
27-2031	Dancers	20	20	0	0.0	0
27-2032	Choreographers	70	80	10	14.3	10
27-2041	Music Directors & Composers	140	150	10	7.1	0
27-2042	Musicians & Singers	380	450	70	18.4	20
27-2099	Entertainers & Performers, Sports & Related Workers, All Other	10	10	0	0.0	0

**South Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
27-3010	Announcers	200	180	-20	-10.0	10
27-3020	News Analysts, Reporters & Correspondents	110	120	10	9.1	0
27-3031	Public Relations Specialists	400	510	110	27.5	20
27-3041	Editors	150	170	20	13.3	0
27-3042	Technical Writers	180	200	20	11.1	10
27-3043	Writers & Authors	180	190	10	5.6	0
27-3091	Interpreters & Translators	50	60	10	20.0	0
27-3099	Media & Communication Workers, All Other	150	160	10	6.7	0
27-4011	Audio & Video Equipment Technicians	30	40	10	33.3	0
27-4012	Broadcast Technicians	70	80	10	14.3	0
27-4013	Radio Operators	20	20	0	0.0	0
27-4014	Sound Engineering Technicians	10	20	10	100.0	0
27-4021	Photographers	180	190	10	5.6	0
27-4031	Camera Operators, Television, Video, & Motion Picture	30	30	0	0.0	0
27-4032	Film & Video Editors	20	20	0	0.0	0
27-4099	Media & Communication Equipment Workers, All Other	30	40	10	33.3	0
<b>29-0000</b>	<b>Healthcare Practitioners &amp; Technical Occupations</b>	<b>16,980</b>	<b>20,880</b>	<b>3,900</b>	<b>23.0</b>	<b>690</b>
29-1011	Chiropractors	130	140	10	7.7	0
29-1020	Dentists	290	290	0	0.0	10
29-1031	Dietitians & Nutritionists	110	130	20	18.2	0
29-1041	Optometrists	70	80	10	14.3	0
29-1051	Pharmacists	440	600	160	36.4	30
29-1061	Anesthesiologists	200	220	20	10.0	0
29-1062	Family & General Practitioners	480	520	40	8.3	10
29-1063	Internists, General	190	200	10	5.3	0
29-1064	Obstetricians & Gynecologists	120	130	10	8.3	0
29-1065	Pediatricians, General	150	170	20	13.3	0
29-1066	Psychiatrists	190	200	10	5.3	0
29-1067	Surgeons	430	470	40	9.3	10
29-1069	Physicians & Surgeons, All Other	190	210	20	10.5	0
29-1071	Physician Assistants	130	190	60	46.2	10
29-1081	Podiatrists	20	20	0	0.0	0
29-1111	Registered Nurses	6,330	8,090	1,760	27.8	310
29-1121	Audiologists	10	10	0	0.0	0
29-1122	Occupational Therapists	210	270	60	28.6	10
29-1123	Physical Therapists	280	350	70	25.0	10
29-1124	Radiation Therapists	20	30	10	50.0	0
29-1125	Recreational Therapists	50	50	0	0.0	0
29-1126	Respiratory Therapists	320	440	120	37.5	20
29-1127	Speech-Language Pathologists	250	310	60	24.0	20
29-1131	Veterinarians	230	240	10	4.3	10
29-1199	Health Diagnosing & Treating Practitioners, All Other	140	180	40	28.6	0
29-2011	Medical & Clinical Laboratory Technologist	390	480	90	23.1	20
29-2012	Medical & Clinical Laboratory Technicians	380	450	70	18.4	20
29-2021	Dental Hygienists	360	480	120	33.3	10
29-2031	Cardiovascular Technologists & Technicians	130	180	50	38.5	10
29-2032	Diagnostic Medical Sonographers	110	130	20	18.2	0
29-2033	Nuclear Medicine Technologists	40	40	0	0.0	0
29-2034	Radiologic Technologists & Technicians	400	490	90	22.5	20
29-2041	Emergency Medical Technicians & Paramedics	530	620	90	17.0	20
29-2051	Dietetic Technicians	60	70	10	16.7	0

**South Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
29-2052	Pharmacy Technicians	400	520	120	30.0	20
29-2053	Psychiatric Technicians	50	60	10	20.0	0
29-2054	Respiratory Therapy Technicians	60	80	20	33.3	0
29-2055	Surgical Technologists	170	220	50	29.4	10
29-2056	Veterinary Technologists & Technicians	90	130	40	44.4	0
29-2061	Licensed Practical & Licensed Vocational Nurses	1,700	1,940	240	14.1	60
29-2071	Medical Records & Health Information Technicians	510	740	230	45.1	30
29-2081	Opticians, Dispensing	180	190	10	5.6	0
29-2091	Orthotists & Prosthetists	10	10	0	0.0	0
29-9010	Occupational Health & Safety Specialists & Technicians	170	190	20	11.8	0
29-9091	Athletic Trainers	60	70	10	16.7	0
29-9199	Health Professionals & Technicians, All Other	200	250	50	25.0	10
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>8,870</b>	<b>11,230</b>	<b>2,360</b>	<b>26.6</b>	<b>360</b>
31-1011	Home Health Aides	1,100	1,370	270	24.5	40
31-1012	Nursing Aides, Orderlies, & Attendants	4,760	5,920	1,160	24.4	180
31-1013	Psychiatric Aides	300	360	60	20.0	10
31-2011	Occupational Therapist Assistants	40	50	10	25.0	0
31-2012	Occupational Therapist Aides	10	10	0	0.0	0
31-2021	Physical Therapist Assistants	180	250	70	38.9	10
31-2022	Physical Therapist Aides	90	110	20	22.2	0
31-9011	Massage Therapists	70	80	10	14.3	0
31-9091	Dental Assistants	690	920	230	33.3	40
31-9092	Medical Assistants	710	1,050	340	47.9	40
31-9093	Medical Equipment Preparers	100	120	20	20.0	0
31-9094	Medical Transcriptionists	260	310	50	19.2	20
31-9095	Pharmacy Aides	110	130	20	18.2	0
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	200	250	50	25.0	10
31-9099	Healthcare Support Workers, All Other	250	300	50	20.0	20
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>5,220</b>	<b>6,250</b>	<b>1,030</b>	<b>19.7</b>	<b>230</b>
33-1011	First-Line Supervisors/Managers of Correctional Officers	40	50	10	25.0	0
33-1012	First-Line Supervisors/Managers of Police & Detectives	250	280	30	12.0	10
33-1021	First-Line Supervisors/Managers of Fire Fighting & Prevention Workers	110	130	20	18.2	10
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	120	150	30	25.0	0
33-2011	Fire Fighters	490	570	80	16.3	20
33-2021	Fire Inspectors & Investigators	10	10	0	0.0	0
33-3011	Bailiffs	10	10	0	0.0	0
33-3012	Correctional Officers & Jailers	630	670	40	6.3	10
33-3021	Detectives & Criminal Investigators	110	120	10	9.1	0
33-3041	Parking Enforcement Workers	10	10	0	0.0	0
33-3051	Police & Sheriff's Patrol Officers	990	1,140	150	15.2	50
33-9011	Animal Control Workers	40	40	0	0.0	0
33-9021	Private Detectives & Investigators	60	80	20	33.3	0
33-9031	Gaming Surveillance Officers & Gaming Investigators	10	10	0	0.0	0
33-9032	Security Guards	1,930	2,500	570	29.5	100
33-9091	Crossing Guards	100	120	20	20.0	0
33-9099	Protective Service Workers, All Other	310	360	50	16.1	30
<b>35-0000</b>	<b>Food Preparation &amp; Serving Related Occupations</b>	<b>24,670</b>	<b>28,900</b>	<b>4,230</b>	<b>17.1</b>	<b>1,370</b>
35-1011	Chefs & Head Cooks	220	260	40	18.2	10



**South Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
35-1012	First-Line Supervisors/Managers of Food Preparation & Serving Workers	2,160	2,560	400	18.5	90
35-2011	Cooks, Fast Food	2,070	2,260	190	9.2	80
35-2012	Cooks, Institution & Cafeteria	1,720	1,730	10	0.6	50
35-2013	Cooks, Private Household	10	10	0	0.0	0
35-2014	Cooks, Restaurant	1,430	1,690	260	18.2	70
35-2015	Cooks, Short Order	640	710	70	10.9	30
35-2021	Food Preparation Workers	2,160	2,610	450	20.8	130
35-3011	Bartenders	870	960	90	10.3	40
35-3021	Combined Food Preparation & Serving Workers, Including Fast Food	5,170	6,580	1,410	27.3	360
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee Shop	970	1,120	150	15.5	80
35-3031	Waiters & Waitresses	4,640	5,470	830	17.9	320
35-3041	Food Servers, Nonrestaurant	480	520	40	8.3	20
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	520	590	70	13.5	30
35-9021	Dishwashers	860	950	90	10.5	40
35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	620	740	120	19.4	30
35-9099	Food Preparation & Serving Related Workers, All Other	130	140	10	7.7	0
<b>37-0000</b>	<b>Building &amp; Grounds Cleaning &amp; Maintenance Occupations</b>	<b>10,710</b>	<b>13,180</b>	<b>2,470</b>	<b>23.1</b>	<b>450</b>
37-1011	First-Line Supervisors/Managers of Housekeeping & Janitorial Workers	470	550	80	17.0	20
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, & Groundskeeping Workers	280	340	60	21.4	10
37-2011	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	5,240	6,430	1,190	22.7	220
37-2012	Maids & Housekeeping Cleaners	2,080	2,520	440	21.2	80
37-2021	Pest Control Workers	150	190	40	26.7	0
37-3011	Landscaping & Groundskeeping Workers	2,310	2,940	630	27.3	110
37-3012	Pesticide Handlers, Sprayers, & Applicators, Vegetation	110	130	20	18.2	0
37-3013	Tree Trimmers & Pruners	20	20	0	0.0	0
37-9099	Building & Grounds Cleaning & Maintenance Workers, All Other	50	60	10	20.0	0
<b>39-0000</b>	<b>Personal Care &amp; Service Occupations</b>	<b>9,800</b>	<b>11,540</b>	<b>1,740</b>	<b>17.8</b>	<b>380</b>
39-1011	Gaming Supervisors	10	10	0	0.0	0
39-1012	Slot Key Persons	20	20	0	0.0	0
39-1021	First-Line Supervisors/Managers of Personal Service Workers	430	480	50	11.6	20
39-2011	Animal Trainers	10	20	10	100.0	0
39-2021	Nonfarm Animal Caretakers	230	280	50	21.7	20
39-3011	Gaming Dealers	30	30	0	0.0	0
39-3012	Gaming & Sports Book Writers & Runners	50	60	10	20.0	0
39-3021	Motion Picture Projectionists	30	20	-10	-33.3	0
39-3031	Ushers, Lobby Attendants, & Ticket Takers	340	360	20	5.9	20
39-3091	Amusement & Recreation Attendants	440	530	90	20.5	20
39-3093	Locker Room, Coatroom, & Dressing Room Attendants	60	80	20	33.3	0
39-3199	Gaming Workers, All Other	80	90	10	12.5	0
39-4011	Embalmers	140	150	10	7.1	0
39-4021	Funeral Attendants	30	40	10	33.3	0
39-5011	Barbers	230	230	0	0.0	10

**South Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
39-5012	Hairdressers, Hairstylists, & Cosmetologists	1,740	1,880	140	8.0	40
39-5092	Manicurists & Pedicurists	100	120	20	20.0	0
39-5093	Shampooers	50	50	0	0.0	0
39-5094	Skin Care Specialists	100	100	0	0.0	0
39-6011	Baggage Porters & Bellhops	40	50	10	25.0	0
39-6012	Concierges	10	10	0	0.0	0
39-6021	Tour Guides & Escorts	50	70	20	40.0	0
39-6031	Flight Attendants	20	20	0	0.0	0
39-6032	Transportation Attendants, Except Flight Attendants & Baggage Porters	60	70	10	16.7	0
39-9011	Child Care Workers	2,140	2,510	370	17.3	100
39-9021	Personal & Home Care Aides	2,430	3,080	650	26.7	110
39-9031	Fitness Trainers & Aerobics Instructors	370	500	130	35.1	20
39-9032	Recreation Workers	410	490	80	19.5	20
39-9041	Residential Advisors	80	100	20	25.0	0
39-9099	Personal Care & Service Workers, All Other	70	90	20	28.6	0
<b>41-0000</b>	<b>Sales &amp; Related Occupations</b>	<b>33,550</b>	<b>37,850</b>	<b>4,300</b>	<b>12.8</b>	<b>1,520</b>
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	3,110	3,540	430	13.8	100
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	940	1,090	150	16.0	40
41-2011	Cashiers	7,490	8,660	1,170	15.6	490
41-2012	Gaming Change Persons & Booth Cashiers	20	20	0	0.0	0
41-2021	Counter & Rental Clerks	1,090	1,350	260	23.9	70
41-2022	Parts Salespersons	630	610	-20	-3.2	20
41-2031	Retail Salespersons	8,370	9,500	1,130	13.5	410
41-3011	Advertising Sales Agents	290	340	50	17.2	20
41-3021	Insurance Sales Agents	2,700	2,750	50	1.9	80
41-3031	Securities, Commodities, & Financial Services Sales Agents	400	410	10	2.5	10
41-3041	Travel Agents	190	230	40	21.1	0
41-4011	Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	860	960	100	11.6	30
41-4012	Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	3,030	3,520	490	16.2	130
41-9011	Demonstrators & Product Promoters	170	220	50	29.4	10
41-9021	Real Estate Brokers	430	450	20	4.7	10
41-9022	Real Estate Sales Agents	1,170	1,200	30	2.6	20
41-9031	Sales Engineers	510	550	40	7.8	20
41-9041	Telemarketers	900	960	60	6.7	30
41-9091	Door-To-Door Sales Workers, News & Street Vendors, & Related Workers	90	100	10	11.1	0
41-9099	Sales & Related Workers, All Other	1,160	1,390	230	19.8	40
<b>43-0000</b>	<b>Office &amp; Administrative Support Occupations</b>	<b>51,770</b>	<b>55,140</b>	<b>3,370</b>	<b>6.5</b>	<b>1,560</b>
43-1011	First-Line Supervisors/Managers of Office & Administrative Support Workers	3,360	3,520	160	4.8	90
43-2011	Switchboard Operators, Including Answering Service	460	460	0	0.0	10
43-2021	Telephone Operators	20	10	-10	-50.0	0
43-3011	Bill & Account Collectors	780	1,010	230	29.5	40
43-3021	Billing & Posting Clerks & Machine Operators	1,190	1,250	60	5.0	30
43-3031	Bookkeeping, Accounting, & Auditing Clerks	4,720	4,940	220	4.7	110
43-3041	Gaming Cage Workers	10	10	0	0.0	0

**South Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
43-3051	Payroll & Timekeeping Clerks	480	510	30	6.3	10
43-3061	Procurement Clerks	310	270	-40	-12.9	10
43-3071	Tellers	1,800	1,950	150	8.3	110
43-4011	Brokerage Clerks	40	30	-10	-25.0	0
43-4021	Correspondence Clerks	60	50	-10	-16.7	0
43-4031	Court, Municipal, & License Clerks	200	210	10	5.0	0
43-4041	Credit Authorizers, Checkers, & Clerks	140	120	-20	-14.3	0
43-4051	Customer Service Representatives	3,940	4,740	800	20.3	140
43-4061	Eligibility Interviewers, Government Programs	90	90	0	0.0	0
43-4071	File Clerks	580	560	-20	-3.4	20
43-4081	Hotel, Motel, & Resort Desk Clerks	360	450	90	25.0	30
43-4111	Interviewers, Except Eligibility & Loan	390	500	110	28.2	20
43-4121	Library Assistants, Clerical	270	310	40	14.8	10
43-4131	Loan Interviewers & Clerks	450	370	-80	-17.8	10
43-4141	New Accounts Clerks	280	310	30	10.7	10
43-4151	Order Clerks	750	660	-90	-12.0	20
43-4161	Human Resources Assistants, Except Payroll & Timekeeping	300	350	50	16.7	20
43-4171	Receptionists & Information Clerks	2,150	2,640	490	22.8	100
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	520	740	220	42.3	30
43-4999	Financial, Information, & Record Clerks, All Other	490	500	10	2.0	10
43-5011	Cargo & Freight Agents	160	170	10	6.3	0
43-5021	Couriers & Messengers	200	200	0	0.0	10
43-5031	Police, Fire, & Ambulance Dispatchers	210	250	40	19.0	10
43-5032	Dispatchers, Except Police, Fire, & Ambulance	270	310	40	14.8	10
43-5041	Meter Readers, Utilities	100	110	10	10.0	0
43-5051	Postal Service Clerks	240	300	60	25.0	20
43-5052	Postal Service Mail Carriers	1,170	1,470	300	25.6	70
43-5053	Postal Service Mail Sorters, Processors, & Processing Machine Operators	570	640	70	12.3	30
43-5061	Production, Planning, & Expediting Clerks	1,370	1,510	140	10.2	40
43-5071	Shipping, Receiving, & Traffic Clerks	1,720	1,730	10	0.6	40
43-5081	Stock Clerks & Order Fillers	3,810	3,620	-190	-5.0	140
43-5111	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	140	170	30	21.4	0
43-5199	Material Recording, Scheduling, Dispatching, & Distributing Workers, All Other	20	10	-10	-50.0	0
43-6011	Executive Secretaries & Administrative Assistants	3,350	3,510	160	4.8	80
43-6012	Legal Secretaries	390	500	110	28.2	20
43-6013	Medical Secretaries	640	700	60	9.4	20
43-6014	Secretaries, Except Legal, Medical, & Executive	4,340	4,210	-130	-3.0	80
43-9011	Computer Operators	370	290	-80	-21.6	10
43-9021	Data Entry Keyers	870	810	-60	-6.9	20
43-9022	Word Processors & Typists	170	120	-50	-29.4	0
43-9031	Desktop Publishers	60	80	20	33.3	0
43-9041	Insurance Claims & Policy Processing Clerks	220	220	0	0.0	0
43-9051	Mail Clerks & Mail Machine Operators, Except Postal Service	260	260	0	0.0	10
43-9061	Office Clerks, General	6,400	6,840	440	6.9	180
43-9071	Office Machine Operators, Except Computer	160	160	0	0.0	0
43-9081	Proofreaders & Copy Markers	30	30	0	0.0	0

**South Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
43-9111	Statistical Assistants	10	10	0	0.0	0
43-9999	Secretaries, Administrative Assistants, & Other Office Support Workers, All Other	370	350	-20	-5.4	10
<b>45-0000</b>	<b>Farming, Fishing, &amp; Forestry Occupations</b>	<b>480</b>	<b>550</b>	<b>70</b>	<b>14.6</b>	<b>10</b>
45-1011	First-Line Supervisors/Managers of Farming, Fishing, & Forestry Workers	20	20	0	0.0	0
45-2011	Agricultural Inspectors	30	30	0	0.0	0
45-2041	Graders & Sorters, Agricultural Products	60	70	10	16.7	0
45-2091	Agricultural Equipment Operators	120	150	30	25.0	0
45-2092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	150	160	10	6.7	0
45-2093	Farmworkers, Farm & Ranch Animals	70	90	20	28.6	0
45-3011	Fishers & Related Fishing Workers	10	10	0	0.0	0
45-9099	Farming, Fishing, & Forestry Workers, All Other	20	20	0	0.0	0
<b>47-0000</b>	<b>Construction &amp; Extraction Occupations</b>	<b>16,410</b>	<b>19,600</b>	<b>3,190</b>	<b>19.4</b>	<b>610</b>
47-1011	First-Line Supervisors/Managers of Construction Trades & Extraction Workers	1,720	2,060	340	19.8	60
47-2011	Boilermakers	20	20	0	0.0	0
47-2021	Brickmasons & Blockmasons	160	190	30	18.8	0
47-2022	Stonemasons	50	60	10	20.0	0
47-2031	Carpenters	2,320	2,770	450	19.4	90
47-2041	Carpet Installers	170	190	20	11.8	0
47-2042	Floor Layers, Except Carpet, Wood, & Hard Tiles	40	40	0	0.0	0
47-2043	Floor Sanders & Finishers	10	10	0	0.0	0
47-2044	Tile & Marble Setters	150	190	40	26.7	0
47-2051	Cement Masons & Concrete Finishers	450	580	130	28.9	20
47-2061	Construction Laborers	2,200	2,700	500	22.7	80
47-2071	Paving, Surfacing, & Tamping Equipment Operators	190	220	30	15.8	0
47-2073	Operating Engineers & Other Construction Equipment Operators	1,150	1,320	170	14.8	50
47-2081	Drywall & Ceiling Tile Installers	160	200	40	25.0	0
47-2082	Tapers	60	70	10	16.7	0
47-2111	Electricians	1,110	1,380	270	24.3	50
47-2121	Glaziers	90	110	20	22.2	0
47-2130	Insulation Workers	170	210	40	23.5	10
47-2141	Painters, Construction & Maintenance	830	970	140	16.9	20
47-2142	Paperhangers	20	30	10	50.0	0
47-2151	Pipelayers	110	130	20	18.2	0
47-2152	Plumbers, Pipefitters, & Steamfitters	980	1,170	190	19.4	40
47-2161	Plasterers & Stucco Masons	90	110	20	22.2	0
47-2171	Reinforcing Iron & Rebar Workers	50	60	10	20.0	0
47-2181	Roofers	330	390	60	18.2	20
47-2211	Sheet Metal Workers	1,520	1,670	150	9.9	60
47-2221	Structural Iron & Steel Workers	90	110	20	22.2	0
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, & Tile & Marble Setters	180	190	10	5.6	10
47-3012	Helpers--Carpenters	310	370	60	19.4	20
47-3013	Helpers--Electricians	170	200	30	17.6	10
47-3014	Helpers--Painters, Paperhangers, Plasterers, & Stucco Masons	70	80	10	14.3	0
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, & Steamfitters	190	210	20	10.5	10
47-3016	Helpers--Roofers	60	70	10	16.7	0

**South Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
47-3019	Helpers, Construction Trades, All Other	80	110	30	37.5	0
47-4011	Construction & Building Inspectors	90	110	20	22.2	0
47-4021	Elevator Installers & Repairers	30	30	0	0.0	0
47-4031	Fence Erectors	20	30	10	50.0	0
47-4041	Hazardous Materials Removal Workers	80	120	40	50.0	0
47-4051	Highway Maintenance Workers	250	290	40	16.0	0
47-4061	Rail-Track Laying & Maintenance Equipment Operators	30	40	10	33.3	0
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	40	40	0	0.0	0
47-4999	Construction Trades & Related Workers, All Other	70	80	10	14.3	0
47-5011	Derrick Operators, Oil & Gas	50	70	20	40.0	0
47-5012	Rotary Drill Operators, Oil & Gas	90	130	40	44.4	0
47-5013	Service Unit Operators, Oil, Gas, & Mining	90	120	30	33.3	0
47-5021	Earth Drillers, Except Oil & Gas	20	20	0	0.0	0
47-5042	Mine Cutting & Channeling Machine Operators	10	10	0	0.0	0
47-5071	Roustabouts, Oil & Gas	110	140	30	27.3	0
47-5081	Helpers--Extraction Workers	120	150	30	25.0	0
47-5099	Extraction Workers, All Other	10	20	10	100.0	0
<b>49-0000</b>	<b>Installation, Maintenance, &amp; Repair Occupations</b>	<b>15,000</b>	<b>17,570</b>	<b>2,570</b>	<b>17.1</b>	<b>580</b>
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, & Repairers	1,250	1,470	220	17.6	50
49-2011	Computer, Automated Teller, & Office Machine Repairers	360	390	30	8.3	0
49-2021	Radio Mechanics	10	10	0	0.0	0
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	240	240	0	0.0	10
49-2091	Avionics Technicians	700	830	130	18.6	30
49-2092	Electric Motor, Power Tool, & Related Repairers	60	70	10	16.7	0
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	50	50	0	0.0	0
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	170	180	10	5.9	0
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation, & Relay	40	40	0	0.0	0
49-2096	Electronic Equipment Installers & Repairers, Motor Vehicles	10	20	10	100.0	0
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	150	160	10	6.7	0
49-2098	Security & Fire Alarm Systems Installers	120	150	30	25.0	0
49-2099	Electrical & Electronic Equipment Mechanics, Installers, & Repairers, All Other	10	10	0	0.0	0
49-3011	Aircraft Mechanics & Service Technicians	2,030	2,520	490	24.1	100
49-3021	Automotive Body & Related Repairers	490	570	80	16.3	20
49-3022	Automotive Glass Installers & Repairers	30	40	10	33.3	0
49-3023	Automotive Service Technicians & Mechanics	1,650	1,880	230	13.9	60
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	710	830	120	16.9	30
49-3041	Farm Equipment Mechanics	130	150	20	15.4	0
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	290	320	30	10.3	10
49-3043	Rail Car Repairers	40	50	10	25.0	0
49-3051	Motorboat Mechanics	20	20	0	0.0	0
49-3052	Motorcycle Mechanics	60	70	10	16.7	0
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	50	60	10	20.0	0

**South Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
49-3091	Bicycle Repairers	30	40	10	33.3	0
49-3092	Recreational Vehicle Service Technicians	30	30	0	0.0	0
49-3093	Tire Repairers & Changers	390	430	40	10.3	20
49-3099	Vehicle & Mobile Equipment Mechanics, Installers, & Repairers, All Other	10	10	0	0.0	0
49-9011	Mechanical Door Repairers	40	50	10	25.0	0
49-9012	Control & Valve Installers & Repairers, Except Mechanical Door	50	60	10	20.0	0
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	560	730	170	30.4	30
49-9031	Home Appliance Repairers	110	110	0	0.0	0
49-9041	Industrial Machinery Mechanics	470	540	70	14.9	20
49-9042	Maintenance & Repair Workers, General	2,780	3,270	490	17.6	100
49-9043	Maintenance Workers, Machinery	150	180	30	20.0	0
49-9044	Millwrights	100	120	20	20.0	0
49-9051	Electrical Power-Line Installers & Repairers	350	410	60	17.1	20
49-9052	Telecommunications Line Installers & Repairers	280	300	20	7.1	10
49-9061	Camera & Photographic Equipment Repairers	10	10	0	0.0	0
49-9062	Medical Equipment Repairers	20	30	10	50.0	0
49-9063	Musical Instrument Repairers & Tuners	20	20	0	0.0	0
49-9069	Precision Instrument & Equipment Repairers, All Other	40	40	0	0.0	0
49-9091	Coin, Vending, & Amusement Machine Servicers & Repairers	110	130	20	18.2	0
49-9094	Locksmiths & Safe Repairers	60	80	20	33.3	0
49-9095	Manufactured Building & Mobile Home Installers	50	60	10	20.0	0
49-9096	Riggers	20	30	10	50.0	0
49-9097	Signal & Track Switch Repairers	30	30	0	0.0	0
49-9098	Helpers--Installation, Maintenance, & Repair Workers	260	310	50	19.2	20
49-9099	Installation, Maintenance, & Repair Workers, All Other	360	410	50	13.9	20
<b>51-0000</b>	<b>Production Occupations</b>	<b>34,990</b>	<b>36,490</b>	<b>1,500</b>	<b>4.3</b>	<b>950</b>
51-1011	First-Line Supervisors/Managers of Production & Operating Workers	2,720	3,010	290	10.7	90
51-2011	Aircraft Structure, Surfaces, Rigging, & Systems Assemblers	3,380	3,570	190	5.6	110
51-2021	Coil Winders, Tapers, & Finishers	40	40	0	0.0	0
51-2022	Electrical & Electronic Equipment Assemblers	590	500	-90	-15.3	10
51-2023	Electromechanical Equipment Assemblers	500	470	-30	-6.0	10
51-2031	Engine & Other Machine Assemblers	130	140	10	7.7	0
51-2041	Structural Metal Fabricators & Fitters	540	530	-10	-1.9	10
51-2091	Fiberglass Laminators & Fabricators	160	150	-10	-6.3	0
51-2092	Team Assemblers	3,700	3,630	-70	-1.9	100
51-2093	Timing Device Assemblers, Adjusters, & Calibrators	10	10	0	0.0	0
51-2099	Assemblers & Fabricators, All Other	370	350	-20	-5.4	10
51-3011	Bakers	240	270	30	12.5	10
51-3021	Butchers & Meat Cutters	270	260	-10	-3.7	10
51-3022	Meat, Poultry, & Fish Cutters & Trimmers	510	550	40	7.8	10
51-3023	Slaughterers & Meat Packers	520	560	40	7.7	10
51-3091	Food & Tobacco Roasting, Baking, & Drying Machine Operators & Tenders	40	50	10	25.0	0
51-3092	Food Batchmakers	120	140	20	16.7	0
51-3093	Food Cooking Machine Operators & Tenders	80	100	20	25.0	0

**South Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
51-3099	Food Processing Workers, All Other	70	70	0	0.0	0
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	1,200	1,250	50	4.2	30
51-4012	Numerical Tool & Process Control Programmers	80	80	0	0.0	0
51-4021	Extruding & Drawing Machine Setters, Operators, & Tenders, Metal & Plastic	200	200	0	0.0	10
51-4022	Forging Machine Setters, Operators, & Tenders, Metal & Plastic	120	130	10	8.3	0
51-4023	Rolling Machine Setters, Operators, & Tenders, Metal & Plastic	110	110	0	0.0	0
51-4031	Cutting, Punching, & Press Machine Setters, Operators, & Tenders, Metal & Plastic	710	730	20	2.8	20
51-4032	Drilling & Boring Machine Tool Setters, Operators, & Tenders, Metal & Plastic	120	120	0	0.0	0
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, & Tenders, Metal & Plastic	390	390	0	0.0	10
51-4034	Lathe & Turning Machine Tool Setters, Operators, & Tenders, Metal & Plastic	200	210	10	5.0	0
51-4035	Milling & Planing Machine Setters, Operators, & Tenders, Metal & Plastic	190	180	-10	-5.3	0
51-4041	Machinists	1,890	1,960	70	3.7	50
51-4051	Metal-Refining Furnace Operators & Tenders	20	20	0	0.0	0
51-4052	Pourers & Casters, Metal	30	30	0	0.0	0
51-4061	Model Makers, Metal & Plastic	60	60	0	0.0	0
51-4062	Patternmakers, Metal & Plastic	110	110	0	0.0	0
51-4071	Foundry Mold & Coremakers	80	80	0	0.0	0
51-4072	Molding, Coremaking, & Casting Machine Setters, Operators, & Tenders, Metal & Plastic	340	340	0	0.0	10
51-4081	Multiple Machine Tool Setters, Operators, & Tenders, Metal & Plastic	140	150	10	7.1	0
51-4111	Tool & Die Makers	590	560	-30	-5.1	10
51-4121	Welders, Cutters, Solderers, & Brazers	1,270	1,440	170	13.4	60
51-4122	Welding, Soldering, & Brazing Machine Setters, Operators, & Tenders	90	90	0	0.0	0
51-4191	Heat Treating Equipment Setters, Operators, & Tenders, Metal & Plastic	140	140	0	0.0	10
51-4192	Lay-Out Workers, Metal & Plastic	20	20	0	0.0	0
51-4193	Plating & Coating Machine Setters, Operators, & Tenders, Metal & Plastic	130	130	0	0.0	0
51-4194	Tool Grinders, Filers, & Sharpeners	50	40	-10	-20.0	0
51-4199	Metal Workers & Plastic Workers, All Other	310	300	-10	-3.2	10
51-5011	Bindery Workers	200	180	-20	-10.0	10
51-5012	Bookbinders	20	20	0	0.0	0
51-5021	Job Printers	130	140	10	7.7	0
51-5022	Prepress Technicians & Workers	210	190	-20	-9.5	10
51-5023	Printing Machine Operators	490	530	40	8.2	10
51-5099	Printing Workers, All Other	40	40	0	0.0	0
51-6011	Laundry & Dry-Cleaning Workers	520	620	100	19.2	20
51-6021	Pressers, Textile, Garment, & Related Materials	120	150	30	25.0	0
51-6031	Sewing Machine Operators	430	480	50	11.6	20
51-6041	Shoe & Leather Workers & Repairers	10	10	0	0.0	0
51-6051	Sewers, Hand	10	10	0	0.0	0

**South Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
51-6052	Tailors, Dressmakers, & Custom Sewers	50	60	10	20.0	0
51-6062	Textile Cutting Machine Setters, Operators, & Tenders	50	50	0	0.0	0
51-6064	Textile Winding, Twisting, & Drawing Out Machine Setters, Operators, & Tenders	20	20	0	0.0	0
51-6091	Extruding & Forming Machine Setters, Operators, & Tenders, Synthetic & Glass Fibers	50	60	10	20.0	0
51-6092	Fabric & Apparel Patternmakers	20	20	0	0.0	0
51-6093	Upholsterers	120	100	-20	-16.7	0
51-6099	Textile, Apparel, & Furnishings Workers, All Other	70	80	10	14.3	0
51-7011	Cabinetmakers & Bench Carpenters	320	340	20	6.3	10
51-7021	Furniture Finishers	70	70	0	0.0	0
51-7031	Model Makers, Wood	10	10	0	0.0	0
51-7032	Patternmakers, Wood	30	30	0	0.0	0
51-7041	Sawing Machine Setters, Operators, & Tenders, Wood	140	130	-10	-7.1	0
51-7042	Woodworking Machine Setters, Operators, & Tenders, Except Sawing	210	200	-10	-4.8	10
51-7099	Woodworkers, All Other	10	10	0	0.0	0
51-8012	Power Distributors & Dispatchers	20	20	0	0.0	0
51-8013	Power Plant Operators	80	90	10	12.5	0
51-8021	Stationary Engineers & Boiler Operators	70	70	0	0.0	0
51-8031	Water & Liquid Waste Treatment Plant & System Operators	190	220	30	15.8	10
51-8091	Chemical Plant & System Operators	210	230	20	9.5	10
51-8092	Gas Plant Operators	50	60	10	20.0	0
51-8093	Petroleum Pump System Operators, Refinery Operators, & Gaugers	220	250	30	13.6	10
51-8099	Plant & System Operators, All Other	20	30	10	50.0	0
51-9011	Chemical Equipment Operators & Tenders	120	130	10	8.3	0
51-9012	Separating, Filtering, Clarifying, Precipitating, & Still Machine Setters, Operators, & Tenders	70	90	20	28.6	0
51-9021	Crushing, Grinding, & Polishing Machine Setters, Operators, & Tenders	130	130	0	0.0	0
51-9022	Grinding & Polishing Workers, Hand	240	240	0	0.0	10
51-9023	Mixing & Blending Machine Setters, Operators, & Tenders	230	230	0	0.0	10
51-9031	Cutters & Trimmers, Hand	50	60	10	20.0	0
51-9032	Cutting & Slicing Machine Setters, Operators, & Tenders	130	150	20	15.4	0
51-9041	Extruding, Forming, Pressing, & Compacting Machine Setters, Operators, & Tenders	90	80	-10	-11.1	0
51-9051	Furnace, Kiln, Oven, Drier, & Kettle Operators & Tenders	30	30	0	0.0	0
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	2,110	2,120	10	0.5	50
51-9071	Jewelers & Precious Stone & Metal Workers	40	40	0	0.0	0
51-9081	Dental Laboratory Technicians	90	90	0	0.0	0
51-9082	Medical Appliance Technicians	10	20	10	100.0	0
51-9083	Ophthalmic Laboratory Technicians	50	50	0	0.0	0
51-9111	Packaging & Filling Machine Operators & Tenders	790	960	170	21.5	40
51-9121	Coating, Painting, & Spraying Machine Setters, Operators, & Tenders	590	640	50	8.5	30
51-9122	Painters, Transportation Equipment	370	400	30	8.1	10
51-9123	Painting, Coating, & Decorating Workers	50	60	10	20.0	0
51-9131	Photographic Process Workers	60	60	0	0.0	0
51-9132	Photographic Processing Machine Operators	170	190	20	11.8	0
51-9141	Semiconductor Processors	10	10	0	0.0	0



**South Central Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
51-9191	Cementing & Gluing Machine Operators & Tenders	50	50	0	0.0	0
51-9192	Cleaning, Washing, & Metal Pickling Equipment Operators & Tenders	40	40	0	0.0	0
51-9193	Cooling & Freezing Equipment Operators & Tenders	10	10	0	0.0	0
51-9194	Etchers & Engravers	40	40	0	0.0	0
51-9195	Molders, Shapers, & Casters, Except Metal & Plastic	20	30	10	50.0	0
51-9196	Paper Goods Machine Setters, Operators, & Tenders	140	160	20	14.3	0
51-9197	Tire Builders	40	40	0	0.0	0
51-9198	Helpers--Production Workers	1,400	1,450	50	3.6	50
51-9199	Production Workers, All Other	1,030	1,100	70	6.8	40
<b>53-0000</b>	<b>Transportation &amp; Material Moving Occupations</b>	<b>20,120</b>	<b>22,620</b>	<b>2,500</b>	<b>12.4</b>	<b>670</b>
53-1011	Aircraft Cargo Handling Supervisors	20	20	0	0.0	0
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand	420	470	50	11.9	20
53-1031	First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators	460	530	70	15.2	20
53-2011	Airline Pilots, Copilots, & Flight Engineers					
	Air Traffic Controllers	70	70	0	0.0	0
53-2022	Airfield Operations Specialists	10	10	0	0.0	0
53-2099	Air Transportation Workers, All Other	20	30	10	50.0	0
53-3011	Ambulance Drivers & Attendants, Except Emergency Medical Technicians	20	20	0	0.0	0
53-3021	Bus Drivers, Transit & Intercity	110	140	30	27.3	0
53-3022	Bus Drivers, School	1,520	1,760	240	15.8	50
53-3031	Driver/Sales Workers	1,190	1,270	80	6.7	30
53-3032	Truck Drivers, Heavy & Tractor-Trailer	4,270	5,010	740	17.3	140
53-3033	Truck Drivers, Light or Delivery Services	1,820	2,150	330	18.1	50
53-3041	Taxi Drivers & Chauffeurs	230	270	40	17.4	0
53-3099	Motor Vehicle Operators, All Other	120	140	20	16.7	0
53-4011	Locomotive Engineers	90	110	20	22.2	0
53-4021	Railroad Brake, Signal, & Switch Operators	70	70	0	0.0	0
53-4031	Railroad Conductors & Yardmasters	80	100	20	25.0	0
53-4099	Rail Transportation Workers, All Other	10	10	0	0.0	0
53-6021	Parking Lot Attendants	30	30	0	0.0	0
53-6031	Service Station Attendants	260	290	30	11.5	10
53-6041	Traffic Technicians	10	20	10	100.0	0
53-6051	Transportation Inspectors	70	80	10	14.3	0
53-6099	Transportation Workers, All Other	40	50	10	25.0	0
53-7011	Conveyor Operators & Tenders	70	80	10	14.3	0
53-7021	Crane & Tower Operators	80	90	10	12.5	0
53-7032	Excavating & Loading Machine & Dragline Operators	80	90	10	12.5	0
53-7041	Hoist & Winch Operators	20	30	10	50.0	0
53-7051	Industrial Truck & Tractor Operators	1,080	1,190	110	10.2	30
53-7061	Cleaners of Vehicles & Equipment	770	870	100	13.0	40
53-7062	Laborers & Freight, Stock, & Material Movers, Hand	4,050	4,110	60	1.5	140
53-7063	Machine Feeders & Offbearers	320	320	0	0.0	10
53-7064	Packers & Packagers, Hand	1,870	2,180	310	16.6	70
53-7071	Gas Compressor & Gas Pumping Station Operators	10	10	0	0.0	0
53-7072	Pump Operators, Except Wellhead Pumpers	30	40	10	33.3	0
53-7073	Wellhead Pumpers	140	190	50	35.7	10

**South Central Region  
2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
53-7081	Refuse & Recyclable Material Collectors	250	320	70	28.0	20
53-7121	Tank Car, Truck, & Ship Loaders	20	20	0	0.0	0
53-7199	Material Moving Workers, All Other	80	90	10	12.5	0

Footnotes:

1 *Average Annual Employment* in the 2002 and 2012 columns may not add due to suppression and rounding.

2 The net employment increase and net replacements were calculated together to create *Total Annual Openings*. If net employment change is negative, job openings due to growth are zero and total job openings equal net replacements. Turnover rates are not included in this data. Total Annual Openings may not add due to suppression and rounding.

## **Southeast Region**

## Southeast Kansas Region Occupational Trends

In 2002, total occupational employment was 127,650 and is projected to reach 143,110 in 2012, or 12.1 percent growth over the period. The largest major occupational group for the Southeast region in 2002 was the **Management** occupational group with an employment level of 18,900. The same occupational group is projected to be the largest in the year 2012, employing 19,130. The **Office and Administrative Support** and **Productions** occupational groups rank second and third, respectively, in employment size for both 2002 and 2012.

The **Education, Training and Library** occupational group is expected to have the largest numerical job growth, 1,970, followed by the **Food Preparation and Serving Related** and **Sales and Related** occupational groups, each with 1,430. The **Healthcare Support** and **Education, Training and Library** occupational groups will experience the greatest percent growth, each projected to experience a 24.1 percent change, followed by the **Healthcare Practitioners and Technical** occupational group with a 23.1 percent increase.

The greatest number of annual openings are expected in the **Sales and Related** occupational group with 520, followed by the **Food Preparation and Serving Related** occupational group with 490 annual openings. These two occupational groups will account for more than 25 percent of all the annual job openings for the Southeast region. Within the **Sales and Related** occupational group, **cashiers** are projected to have the most annual openings, with 220, followed by **retail salespersons** with 120 annual openings.

**Southeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
	<b><u>Total, All Southeast Occupations</u></b>	<b><u>127,650</u></b>	<b><u>143,110</u></b>	<b><u>15,460</u></b>	<b><u>12.1</u></b>	<b><u>3,920</u></b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>18,900</b>	<b>19,130</b>	<b>230</b>	<b>1.2</b>	<b>90</b>
11-1011	Chief Executives	440	500	60	13.6	20
11-1021	General & Operations Managers	1,390	1,610	220	15.8	50
11-1031	Legislators	100	110	10	10.0	0
11-2011	Advertising & Promotions Managers	30	40	10	33.3	0
11-2021	Marketing Managers	80	90	10	12.5	0
11-2022	Sales Managers	200	270	70	35.0	10
11-2031	Public Relations Managers	20	30	10	50.0	0
11-3011	Administrative Services Managers	160	190	30	18.8	0
11-3021	Computer & Information Systems Managers	110	140	30	27.3	0
11-3031	Financial Managers	310	360	50	16.1	10
11-3040	Human Resources Managers	90	110	20	22.2	0
11-3051	Industrial Production Managers	210	240	30	14.3	0
11-3061	Purchasing Managers	60	60	0	0.0	0
11-3071	Transportation, Storage, & Distribution Managers	80	90	10	12.5	0
11-9011	Farm, Ranch, & Other Agricultural Managers	100	120	20	20.0	0
11-9012	Farmers & Ranchers	13,740	13,100	-640	-4.7	10
11-9021	Construction Managers	170	200	30	17.6	0
11-9031	Education Administrators, Preschool & Child Care Center/Program	30	40	10	33.3	0
11-9032	Education Administrators, Elementary & Secondary School	260	320	60	23.1	20
11-9033	Education Administrators, Postsecondary	110	130	20	18.2	0
11-9039	Education Administrators, All Other	10	10	0	0.0	0
11-9041	Engineering Managers	100	120	20	20.0	0
11-9051	Food Service Managers	210	240	30	14.3	0
11-9061	Funeral Directors	100	100	0	0.0	0
11-9081	Lodging Managers	20	20	0	0.0	0
11-9111	Medical & Health Services Managers	230	290	60	26.1	10
11-9121	Natural Sciences Managers	10	10	0	0.0	0
11-9131	Postmasters & Mail Superintendents	50	60	10	20.0	0
11-9141	Property, Real Estate, & Community Association Managers	60	70	10	16.7	0
11-9151	Social & Community Service Managers	90	100	10	11.1	0
11-9199	Managers, All Other	330	360	30	9.1	10
<b>13-0000</b>	<b>Business &amp; Financial Operations Occupations</b>	<b>2,820</b>	<b>3,310</b>	<b>490</b>	<b>17.4</b>	<b>80</b>
13-1021	Purchasing Agents & Buyers, Farm Products	30	30	0	0.0	0
13-1022	Wholesale & Retail Buyers, Except Farm Products	100	100	0	0.0	0
13-1023	Purchasing Agents, Except Wholesale, Retail, & Farm Products	210	250	40	19.0	10
13-1031	Claims Adjusters, Examiners, & Investigators	60	60	0	0.0	0
13-1041	Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation	130	140	10	7.7	0
13-1051	Cost Estimators	160	200	40	25.0	0
13-1061	Emergency Management Specialists	10	20	10	100.0	0
13-1071	Employment, Recruitment, & Placement Specialists	60	70	10	16.7	0
13-1072	Compensation, Benefits, & Job Analysis Specialists	50	60	10	20.0	0
13-1073	Training & Development Specialists	110	140	30	27.3	0
13-1111	Management Analysts	240	280	40	16.7	0
13-1121	Meeting & Convention Planners	20	20	0	0.0	0
13-1199	Business Operations Specialists, All Other	420	510	90	21.4	20

**Southeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
13-2011	Accountants & Auditors	630	750	120	19.0	20
13-2021	Appraisers & Assessors of Real Estate	80	90	10	12.5	0
13-2031	Budget Analysts	20	20	0	0.0	0
13-2041	Credit Analysts	30	30	0	0.0	0
13-2051	Financial Analysts	60	80	20	33.3	0
13-2052	Personal Financial Advisors	40	50	10	25.0	0
13-2053	Insurance Underwriters	20	20	0	0.0	0
13-2061	Financial Examiners	10	10	0	0.0	0
13-2072	Loan Officers	240	260	20	8.3	0
13-2081	Tax Examiners, Collectors, & Revenue Agents	30	30	0	0.0	0
13-2082	Tax Preparers	30	40	10	33.3	0
13-2099	Financial Specialists, All Other	30	40	10	33.3	0
<b>15-0000</b>	<b>Computer &amp; Mathematical Occupations</b>	<b>1,360</b>	<b>1,630</b>	<b>270</b>	<b>19.9</b>	<b>40</b>
15-1011	Computer & Information Scientists, Research	10	10	0	0.0	0
15-1021	Computer Programmers	190	210	20	10.5	10
15-1031	Computer Software Engineers, Applications	120	140	20	16.7	0
15-1032	Computer Software Engineers, Systems Software	70	90	20	28.6	0
15-1041	Computer Support Specialists	260	310	50	19.2	10
15-1051	Computer Systems Analysts	230	280	50	21.7	10
15-1061	Database Administrators	60	80	20	33.3	0
15-1071	Network & Computer Systems Administrators	200	250	50	25.0	10
15-1081	Network Systems & Data Communications Analysts	110	140	30	27.3	0
15-1099	Computer Specialists, All Other	70	80	10	14.3	0
15-2011	Actuaries	10	10	0	0.0	0
15-2031	Operations Research Analysts	20	20	0	0.0	0
15-2041	Statisticians	10	10	0	0.0	0
<b>17-0000</b>	<b>Architecture &amp; Engineering Occupations</b>	<b>1,220</b>	<b>1,360</b>	<b>140</b>	<b>11.5</b>	<b>10</b>
17-1011	Architects, Except Landscape & Naval	20	30	10	50.0	0
17-1012	Landscape Architects	10	10	0	0.0	0
17-1021	Cartographers & Photogrammetrists	20	20	0	0.0	0
17-1022	Surveyors	10	10	0	0.0	0
17-2011	Aerospace Engineers	30	40	10	33.3	0
17-2041	Chemical Engineers	20	20	0	0.0	0
17-2051	Civil Engineers	70	80	10	14.3	0
17-2061	Computer Hardware Engineers	10	10	0	0.0	0
17-2071	Electrical Engineers	70	80	10	14.3	0
17-2072	Electronics Engineers, Except Computer	80	90	10	12.5	0
17-2081	Environmental Engineers	20	20	0	0.0	0
17-2111	Health & Safety Engineers, Except Mining Safety Engineers & Inspectors	20	20	0	0.0	0
17-2112	Industrial Engineers	100	110	10	10.0	0
17-2131	Materials Engineers	10	10	0	0.0	0
17-2141	Mechanical Engineers	150	160	10	6.7	0
17-2161	Nuclear Engineers	10	10	0	0.0	0
17-2171	Petroleum Engineers	10	10	0	0.0	0
17-2199	Engineers, All Other	90	100	10	11.1	0
17-3011	Architectural & Civil Drafters	30	40	10	33.3	0
17-3012	Electrical & Electronics Drafters	20	20	0	0.0	0
17-3013	Mechanical Drafters	80	80	0	0.0	0
17-3021	Aerospace Engineering & Operations Technicians	10	10	0	0.0	0

**Southeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
17-3022	Civil Engineering Technicians	90	100	10	11.1	0
17-3023	Electrical & Electronic Engineering Technicians	80	90	10	12.5	0
17-3024	Electro-Mechanical Technicians	10	10	0	0.0	0
17-3026	Industrial Engineering Technicians	40	40	0	0.0	0
17-3027	Mechanical Engineering Technicians	30	40	10	33.3	0
17-3031	Surveying & Mapping Technicians	20	30	10	50.0	0
17-3099	Drafters, Engineering, & Mapping Technicians, All Other	60	70	10	16.7	0
<b>19-0000</b>	<b>Life, Physical, &amp; Social Science Occupations</b>	<b>570</b>	<b>660</b>	<b>90</b>	<b>15.8</b>	<b>10</b>
19-1010	Agricultural & Food Scientists	20	30	10	50.0	0
19-1021	Biochemists & Biophysicists	10	10	0	0.0	0
19-1022	Microbiologists	10	10	0	0.0	0
19-1031	Conservation Scientists	10	10	0	0.0	0
19-1042	Medical Scientists, Except Epidemiologists	10	10	0	0.0	0
19-1099	Life Scientists, All Other	10	10	0	0.0	0
19-2031	Chemists	30	40	10	33.3	0
19-2041	Environmental Scientists & Specialists, Including Health	40	40	0	0.0	0
19-2042	Geoscientists, Except Hydrologists & Geographers	10	10	0	0.0	0
19-2099	Physical Scientists, All Other	10	10	0	0.0	0
19-3021	Market Research Analysts	60	80	20	33.3	0
19-3022	Survey Researchers	20	20	0	0.0	0
19-3031	Clinical, Counseling, & School Psychologists	140	170	30	21.4	0
19-3051	Urban & Regional Planners	10	10	0	0.0	0
19-3099	Social Scientists & Related Workers, All Other	20	20	0	0.0	0
19-4011	Agricultural & Food Science Technicians	20	20	0	0.0	0
19-4021	Biological Technicians	10	10	0	0.0	0
19-4031	Chemical Technicians	50	60	10	20.0	0
19-4041	Geological & Petroleum Technicians	10	10	0	0.0	0
19-4091	Environmental Science & Protection Technicians, Including Health	20	30	10	50.0	0
19-4093	Forest & Conservation Technicians	10	10	0	0.0	0
19-4099	Life, Physical, & Social Science Technicians, All Other	40	40	0	0.0	0
<b>21-0000</b>	<b>Community &amp; Social Services Occupations</b>	<b>2,360</b>	<b>2,860</b>	<b>500</b>	<b>21.2</b>	<b>80</b>
21-1011	Substance Abuse & Behavioral Disorder Counselors	40	50	10	25.0	0
21-1012	Educational, Vocational, & School Counselors	200	230	30	15.0	10
21-1013	Marriage & Family Therapists	40	40	0	0.0	0
21-1014	Mental Health Counselors	60	70	10	16.7	0
21-1015	Rehabilitation Counselors	130	160	30	23.1	0
21-1021	Child, Family, & School Social Workers	200	240	40	20.0	0
21-1022	Medical & Public Health Social Workers	110	140	30	27.3	0
21-1023	Mental Health & Substance Abuse Social Workers	150	180	30	20.0	0
21-1091	Health Educators	20	20	0	0.0	0
21-1092	Probation Officers & Correctional Treatment Specialists	80	90	10	12.5	0
21-1093	Social & Human Service Assistants	480	630	150	31.3	30
21-2011	Clergy	550	630	80	14.5	20
21-2021	Directors, Religious Activities & Education	130	160	30	23.1	0
21-9099	Counselors, Social, & Religious Workers, All Other	170	220	50	29.4	10
<b>23-0000</b>	<b>Legal Occupations</b>	<b>490</b>	<b>560</b>	<b>70</b>	<b>14.3</b>	<b>10</b>
23-1011	Lawyers	250	290	40	16.0	0
23-1023	Judges, Magistrate Judges, & Magistrates	30	30	0	0.0	0
23-2011	Paralegals & Legal Assistants	90	130	40	44.4	0

**Southeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
23-2091	Court Reporters	20	20	0	0.0	0
23-2092	Law Clerks	20	20	0	0.0	0
23-2093	Title Examiners, Abstractors, & Searchers	20	20	0	0.0	0
23-9099	Legal & Related Workers, All Other	50	50	0	0.0	0
<b>25-0000</b>	<b>Education, Training, &amp; Library Occupations</b>	<b>8,170</b>	<b>10,140</b>	<b>1,970</b>	<b>24.1</b>	<b>350</b>
25-1011	Business Teachers, Postsecondary	80	110	30	37.5	0
25-1021	Computer Science Teachers, Postsecondary	50	70	20	40.0	0
25-1022	Mathematical Science Teachers, Postsecondary	70	90	20	28.6	0
25-1031	Architecture Teachers, Postsecondary	10	20	10	100.0	0
25-1032	Engineering Teachers, Postsecondary	40	60	20	50.0	0
25-1041	Agricultural Sciences Teachers, Postsecondary	30	40	10	33.3	0
25-1042	Biological Science Teachers, Postsecondary	60	80	20	33.3	0
25-1051	Atmospheric, Earth, Marine, & Space Sciences Teachers, Postsecondary	10	10	0	0.0	0
25-1052	Chemistry Teachers, Postsecondary	20	30	10	50.0	0
25-1054	Physics Teachers, Postsecondary	10	20	10	100.0	0
25-1063	Economics Teachers, Postsecondary	20	30	10	50.0	0
25-1064	Geography Teachers, Postsecondary	10	10	0	0.0	0
25-1065	Political Science Teachers, Postsecondary	10	20	10	100.0	0
25-1066	Psychology Teachers, Postsecondary	40	50	10	25.0	0
25-1067	Sociology Teachers, Postsecondary	20	30	10	50.0	0
25-1071	Health Specialties Teachers, Postsecondary	50	70	20	40.0	0
25-1072	Nursing Instructors & Teachers, Postsecondary	30	40	10	33.3	0
25-1081	Education Teachers, Postsecondary	50	70	20	40.0	0
25-1082	Library Science Teachers, Postsecondary	10	10	0	0.0	0
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	10	20	10	100.0	0
25-1112	Law Teachers, Postsecondary	10	10	0	0.0	0
25-1113	Social Work Teachers, Postsecondary	10	20	10	100.0	0
25-1121	Art, Drama, & Music Teachers, Postsecondary	90	130	40	44.4	0
25-1122	Communications Teachers, Postsecondary	30	40	10	33.3	0
25-1123	English Language & Literature Teachers, Postsecondary	80	100	20	25.0	0
25-1124	Foreign Language & Literature Teachers, Postsecondary	40	50	10	25.0	0
25-1125	History Teachers, Postsecondary	30	40	10	33.3	0
25-1126	Philosophy & Religion Teachers, Postsecondary	20	20	0	0.0	0
25-1191	Graduate Teaching Assistants	20	30	10	50.0	0
25-1192	Home Economics Teachers, Postsecondary	10	10	0	0.0	0
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	30	30	0	0.0	0
25-1194	Vocational Education Teachers, Postsecondary	60	80	20	33.3	0
25-1199	Postsecondary Teachers, All Other	190	240	50	26.3	10
25-2011	Preschool Teachers, Except Special Education	180	220	40	22.2	0
25-2012	Kindergarten Teachers, Except Special Education	180	230	50	27.8	10
25-2021	Elementary School Teachers, Except Special Education	1,910	2,260	350	18.3	80
25-2022	Middle School Teachers, Except Special & Vocational Education	890	1,000	110	12.4	30
25-2023	Vocational Education Teachers, Middle School	20	20	0	0.0	0
25-2031	Secondary School Teachers, Except Special & Vocational Education	1,320	1,600	280	21.2	70
25-2032	Vocational Education Teachers, Secondary School	200	220	20	10.0	10
25-2041	Special Education Teachers, Preschool, Kindergarten, & Elementary School	260	350	90	34.6	20



**Southeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
25-2042	Special Education Teachers, Middle School	130	170	40	30.8	0
25-2043	Special Education Teachers, Secondary School	180	240	60	33.3	10
25-3011	Adult Literacy, Remedial Education, & GED Teachers & Instructors	50	60	10	20.0	0
25-3021	Self-Enrichment Education Teachers	70	90	20	28.6	0
25-3999	Teachers, Primary, Secondary, & Adult, All Other	620	910	290	46.8	40
25-4010	Archivists, Curators, & Museum Technicians	20	20	0	0.0	0
25-4021	Librarians	180	190	10	5.6	0
25-4031	Library Technicians	130	160	30	23.1	10
25-9021	Farm & Home Management Advisors	20	20	0	0.0	0
25-9031	Instructional Coordinators	90	110	20	22.2	0
25-9041	Teacher Assistants	460	570	110	23.9	20
25-9199	Library, Museum, Training, & Other Education Workers, All Other	10	10	0	0.0	0
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, &amp; Media Occupations</b>	<b>1,450</b>	<b>1,670</b>	<b>220</b>	<b>15.2</b>	<b>20</b>
27-1011	Art Directors	10	10	0	0.0	0
27-1013	Fine Artists, Including Painters, Sculptors, & Illustrators	10	10	0	0.0	0
27-1014	Multi-Media Artists & Animators	20	20	0	0.0	0
27-1021	Commercial & Industrial Designers	20	20	0	0.0	0
27-1023	Floral Designers	140	160	20	14.3	0
27-1024	Graphic Designers	140	170	30	21.4	0
27-1025	Interior Designers	30	30	0	0.0	0
27-1026	Merchandise Displayers & Window Trimmers	30	40	10	33.3	0
27-1099	Art & Design Workers, All Other	40	40	0	0.0	0
27-2012	Producers & Directors	20	20	0	0.0	0
27-2022	Coaches & Scouts	230	280	50	21.7	10
27-2023	Umpires, Referees, & Other Sports Officials	20	30	10	50.0	0
27-2031	Dancers	10	10	0	0.0	0
27-2032	Choreographers	10	20	10	100.0	0
27-2041	Music Directors & Composers	50	50	0	0.0	0
27-2042	Musicians & Singers	100	120	20	20.0	0
27-3010	Announcers	70	60	-10	-14.3	0
27-3020	News Analysts, Reporters, & Correspondents	60	70	10	16.7	0
27-3031	Public Relations Specialists	110	140	30	27.3	0
27-3041	Editors	80	90	10	12.5	0
27-3042	Technical Writers	10	20	10	100.0	0
27-3043	Writers & Authors	60	60	0	0.0	0
27-3091	Interpreters & Translators	20	30	10	50.0	0
27-3099	Media & Communication Workers, All Other	10	20	10	100.0	0
27-4011	Audio & Video Equipment Technicians	10	10	0	0.0	0
27-4012	Broadcast Technicians	30	30	0	0.0	0
27-4013	Radio Operators	30	20	-10	-33.3	0
27-4021	Photographers	50	50	0	0.0	0
27-4031	Camera Operators, Television, Video, & Motion Picture	10	10	0	0.0	0
27-4032	Film & Video Editors	10	10	0	0.0	0
27-4099	Media & Communication Equipment Workers, All Other	10	10	0	0.0	0
<b>29-0000</b>	<b>Healthcare Practitioners &amp; Technical Occupations</b>	<b>5,800</b>	<b>7,140</b>	<b>1,340</b>	<b>23.1</b>	<b>190</b>
29-1011	Chiropractors	40	40	0	0.0	0
29-1020	Dentists	90	90	0	0.0	0

**Southeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
29-1031	Dietitians & Nutritionists	30	40	10	33.3	0
29-1041	Optometrists	20	20	0	0.0	0
29-1051	Pharmacists	160	210	50	31.3	10
29-1061	Anesthesiologists	50	60	10	20.0	0
29-1062	Family & General Practitioners	140	150	10	7.1	0
29-1063	Internists, General	50	50	0	0.0	0
29-1064	Obstetricians & Gynecologists	30	30	0	0.0	0
29-1065	Pediatricians, General	40	50	10	25.0	0
29-1066	Psychiatrists	60	70	10	16.7	0
29-1067	Surgeons	110	110	0	0.0	0
29-1069	Physicians & Surgeons, All Other	50	60	10	20.0	0
29-1071	Physician Assistants	40	50	10	25.0	0
29-1081	Podiatrists	10	10	0	0.0	0
29-1111	Registered Nurses	2,190	2,790	600	27.4	110
29-1122	Occupational Therapists	80	100	20	25.0	0
29-1123	Physical Therapists	100	120	20	20.0	0
29-1124	Radiation Therapists	10	10	0	0.0	0
29-1125	Recreational Therapists	30	30	0	0.0	0
29-1126	Respiratory Therapists	120	160	40	33.3	0
29-1127	Speech-Language Pathologists	100	130	30	30.0	0
29-1131	Veterinarians	70	70	0	0.0	0
29-1199	Health Diagnosing & Treating Practitioners, All Other	40	50	10	25.0	0
29-2011	Medical & Clinical Laboratory Technologists	130	160	30	23.1	0
29-2012	Medical & Clinical Laboratory Technician	110	130	20	18.2	0
29-2021	Dental Hygienists	100	140	40	40.0	0
29-2031	Cardiovascular Technologists & Technicians	40	60	20	50.0	0
29-2032	Diagnostic Medical Sonographers	30	40	10	33.3	0
29-2033	Nuclear Medicine Technologists	10	10	0	0.0	0
29-2034	Radiologic Technologists & Technicians	120	150	30	25.0	0
29-2041	Emergency Medical Technicians & Paramedics	280	330	50	17.9	10
29-2051	Dietetic Technicians	30	30	0	0.0	0
29-2052	Pharmacy Technicians	140	180	40	28.6	0
29-2053	Psychiatric Technicians	40	50	10	25.0	0
29-2054	Respiratory Therapy Technicians	20	30	10	50.0	0
29-2055	Surgical Technologists	60	80	20	33.3	0
29-2056	Veterinary Technologists & Technicians	20	30	10	50.0	0
29-2061	Licensed Practical & Licensed Vocational Nurses	650	750	100	15.4	20
29-2071	Medical Records & Health Information Technicians	180	260	80	44.4	10
29-2081	Opticians, Dispensing	60	60	0	0.0	0
29-9010	Occupational Health & Safety Specialists & Technicians	30	40	10	33.3	0
29-9091	Athletic Trainers	20	20	0	0.0	0
29-9199	Health Professionals & Technicians, All Other	70	90	20	28.6	0
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>3,770</b>	<b>4,680</b>	<b>910</b>	<b>24.1</b>	<b>140</b>
31-1011	Home Health Aides	400	490	90	22.5	20
31-1012	Nursing Aides, Orderlies, & Attendants	2,320	2,850	530	22.8	80
31-1013	Psychiatric Aides	220	270	50	22.7	10
31-2011	Occupational Therapist Assistants	20	20	0	0.0	0
31-2021	Physical Therapist Assistants	70	100	30	42.9	0
31-2022	Physical Therapist Aides	30	50	20	66.7	0
31-9011	Massage Therapists	20	20	0	0.0	0
31-9091	Dental Assistants	200	260	60	30.0	20

**Southeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
31-9092	Medical Assistants	180	250	70	38.9	10
31-9093	Medical Equipment Preparers	30	40	10	33.3	0
31-9094	Medical Transcriptionists	80	90	10	12.5	0
31-9095	Pharmacy Aides	40	40	0	0.0	0
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	50	70	20	40.0	0
31-9099	Healthcare Support Workers, All Other	110	130	20	18.2	0
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>2,180</b>	<b>2,520</b>	<b>340</b>	<b>15.6</b>	<b>100</b>
33-1011	First-Line Supervisors/Managers of Correctional Officers	20	30	10	50.0	0
33-1012	First-Line Supervisors/Managers of Police & Detectives	150	170	20	13.3	10
33-1021	First-Line Supervisors/Managers of Fire Fighting & Prevention Workers	70	80	10	14.3	0
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	10	20	10	100.0	0
33-2011	Fire Fighters	300	350	50	16.7	20
33-2021	Fire Inspectors & Investigators	10	10	0	0.0	0
33-3011	Bailiffs	10	10	0	0.0	0
33-3012	Correctional Officers & Jailers	370	410	40	10.8	10
33-3021	Detectives & Criminal Investigators	60	70	10	16.7	0
33-3051	Police & Sheriff's Patrol Officers	610	700	90	14.8	30
33-9011	Animal Control Workers	20	30	10	50.0	0
33-9021	Private Detectives & Investigators	10	10	0	0.0	0
33-9032	Security Guards	340	390	50	14.7	20
33-9091	Crossing Guards	50	60	10	20.0	0
33-9099	Protective Service Workers, All Other	150	170	20	13.3	10
<b>35-0000</b>	<b>Food Preparation &amp; Serving Related Occupations</b>	<b>8,750</b>	<b>10,180</b>	<b>1,430</b>	<b>16.3</b>	<b>490</b>
35-1011	Chefs & Head Cooks	70	90	20	28.6	0
35-1012	First-Line Supervisors/Managers of Food Preparation & Serving Workers	790	920	130	16.5	30
35-2011	Cooks, Fast Food	710	780	70	9.9	30
35-2012	Cooks, Institution & Cafeteria	830	830	0	0.0	30
35-2014	Cooks, Restaurant	460	540	80	17.4	20
35-2015	Cooks, Short Order	230	250	20	8.7	10
35-2021	Food Preparation Workers	850	1,020	170	20.0	50
35-3011	Bartenders	240	270	30	12.5	10
35-3021	Combined Food Preparation & Serving Workers, Including Fast Food	1,830	2,320	490	26.8	130
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee Shop	320	370	50	15.6	30
35-3031	Waiters & Waitresses	1,510	1,780	270	17.9	110
35-3041	Food Servers, Nonrestaurant	190	200	10	5.3	10
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	190	210	20	10.5	10
35-9021	Dishwashers	290	320	30	10.3	10
35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	190	230	40	21.1	10
35-9099	Food Preparation & Serving Related Workers, All Other	50	50	0	0.0	0
<b>37-0000</b>	<b>Building &amp; Grounds Cleaning &amp; Maintenance Occupations</b>	<b>4,040</b>	<b>4,870</b>	<b>830</b>	<b>20.5</b>	<b>170</b>
37-1011	First-Line Supervisors/Managers of Housekeeping & Janitorial Workers	190	230	40	21.1	10
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, & Groundskeeping Workers	80	100	20	25.0	0

**Southeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
37-2011	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	2,000	2,390	390	19.5	80
37-2012	Maids & Housekeeping Cleaners	840	1,020	180	21.4	40
37-2021	Pest Control Workers	30	40	10	33.3	0
37-3011	Landscaping & Groundskeeping Workers	830	1,020	190	22.9	40
37-3012	Pesticide Handlers, Sprayers, & Applicators, Vegetation	40	40	0	0.0	0
37-3013	Tree Trimmers & Pruners	10	10	0	0.0	0
37-9099	Building & Grounds Cleaning & Maintenance Workers, All Other	20	20	0	0.0	0
<b>39-0000</b>	<b>Personal Care &amp; Service Occupations</b>	<b>3,150</b>	<b>3,760</b>	<b>610</b>	<b>19.4</b>	<b>100</b>
39-1012	Slot Key Persons	10	10	0	0.0	0
39-1021	First-Line Supervisors/Managers of Personal Service Workers	130	150	20	15.4	0
39-2011	Animal Trainers	10	10	0	0.0	0
39-2021	Nonfarm Animal Caretakers	70	90	20	28.6	0
39-3011	Gaming Dealers	10	20	10	100.0	0
39-3021	Motion Picture Projectionists	10	10	0	0.0	0
39-3031	Ushers, Lobby Attendants, & Ticket Takers	70	80	10	14.3	0
39-3091	Amusement & Recreation Attendants	140	160	20	14.3	0
39-3093	Locker Room, Coatroom, & Dressing Room Attendants	20	30	10	50.0	0
39-3199	Gaming Workers, All Other	30	40	10	33.3	0
39-4011	Embalmers	70	70	0	0.0	0
39-4021	Funeral Attendants	30	40	10	33.3	0
39-5011	Barbers	60	60	0	0.0	0
39-5012	Hairdressers, Hairstylists, & Cosmetologists	380	400	20	5.3	10
39-5092	Manicurists & Pedicurists	20	20	0	0.0	0
39-5093	Shampooers	10	10	0	0.0	0
39-5094	Skin Care Specialists	20	30	10	50.0	0
39-6011	Baggage Porters & Bellhops	10	10	0	0.0	0
39-6021	Tour Guides & Escorts	10	10	0	0.0	0
39-6032	Transportation Attendants, Except Flight Attendants & Baggage Porters	20	20	0	0.0	0
39-9011	Child Care Workers	770	910	140	18.2	30
39-9021	Personal & Home Care Aides	890	1,140	250	28.1	40
39-9031	Fitness Trainers & Aerobics Instructors	110	140	30	27.3	0
39-9032	Recreation Workers	190	230	40	21.1	0
39-9041	Residential Advisors	40	50	10	25.0	0
39-9099	Personal Care & Service Workers, All Other	20	20	0	0.0	0
<b>41-0000</b>	<b>Sales &amp; Related Occupations</b>	<b>10,980</b>	<b>12,410</b>	<b>1,430</b>	<b>13.0</b>	<b>520</b>
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,070	1,220	150	14.0	40
41-1012	First-Line Supervisors/Managers of Non-Retail Sales	260	310	50	19.2	20
41-2011	Cashiers	3,390	3,900	510	15.0	220
41-2012	Gaming Change Persons & Booth Cashiers	10	10	0	0.0	0
41-2021	Counter & Rental Clerks	280	350	70	25.0	20
41-2022	Parts Salespersons	180	170	-10	-5.6	10
41-2031	Retail Salespersons	2,360	2,680	320	13.6	120
41-3011	Advertising Sales Agents	120	130	10	8.3	0
41-3021	Insurance Sales Agents	820	830	10	1.2	20
41-3031	Securities, Commodities, & Financial Services Sales Agents	70	70	0	0.0	0

**Southeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
41-3041	Travel Agents	10	20	10	100.0	0
41-4011	Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	160	190	30	18.8	0
41-4012	Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	1,120	1,290	170	15.2	50
41-9011	Demonstrators & Product Promoters	40	50	10	25.0	0
41-9021	Real Estate Brokers	130	130	0	0.0	0
41-9022	Real Estate Sales Agents	350	360	10	2.9	10
41-9031	Sales Engineers	30	40	10	33.3	0
41-9041	Telemarketers	260	280	20	7.7	0
41-9091	Door-To-Door Sales Workers, News & Street Vendors, & Related Workers	30	30	0	0.0	0
41-9099	Sales & Related Workers, All Other	290	350	60	20.7	20
<b>43-0000</b>	<b>Office &amp; Administrative Support Occupations</b>	<b>16,510</b>	<b>17,620</b>	<b>1,110</b>	<b>6.7</b>	<b>470</b>
43-1011	First-Line Supervisors/Managers of Office & Administrative Support Workers	1,080	1,140	60	5.6	30
43-2011	Switchboard Operators, Including Answering Service	150	150	0	0.0	0
43-3011	Bill & Account Collectors	250	330	80	32.0	20
43-3021	Billing & Posting Clerks & Machine Operators	400	420	20	5.0	10
43-3031	Bookkeeping, Accounting, & Auditing Clerks	1,580	1,660	80	5.1	40
43-3051	Payroll & Timekeeping Clerks	170	180	10	5.9	10
43-3061	Procurement Clerks	60	50	-10	-16.7	0
43-3071	Tellers	560	610	50	8.9	40
43-4021	Correspondence Clerks	10	10	0	0.0	0
43-4031	Court, Municipal, & License Clerks	120	120	0	0.0	0
43-4041	Credit Authorizers, Checkers, & Clerks	30	20	-10	-33.3	0
43-4051	Customer Service Representatives	1,250	1,510	260	20.8	50
43-4061	Eligibility Interviewers, Government Programs	50	50	0	0.0	0
43-4071	File Clerks	150	140	-10	-6.7	0
43-4081	Hotel, Motel, & Resort Desk Clerks	120	150	30	25.0	10
43-4111	Interviewers, Except Eligibility & Loan	130	170	40	30.8	0
43-4121	Library Assistants, Clerical	150	170	20	13.3	10
43-4131	Loan Interviewers & Clerks	110	90	-20	-18.2	0
43-4141	New Accounts Clerks	80	90	10	12.5	0
43-4151	Order Clerks	260	220	-40	-15.4	10
43-4161	Human Resources Assistants, Except Payroll & Timekeeping	100	110	10	10.0	0
43-4171	Receptionists & Information Clerks	620	760	140	22.6	30
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	40	50	10	25.0	0
43-4999	Financial, Information, & Record Clerks, All Other	150	160	10	6.7	0
43-5011	Cargo & Freight Agents	140	160	20	14.3	0
43-5021	Couriers & Messengers	60	50	-10	-16.7	0
43-5031	Police, Fire, & Ambulance Dispatchers	130	150	20	15.4	0
43-5032	Dispatchers, Except Police, Fire, & Ambulance	110	130	20	18.2	0
43-5041	Meter Readers, Utilities	130	130	0	0.0	0
43-5051	Postal Service Clerks	70	90	20	28.6	0
43-5052	Postal Service Mail Carriers	330	420	90	27.3	20
43-5053	Postal Service Mail Sorters, Processors, & Processing Machine Operators	160	180	20	12.5	0
43-5061	Production, Planning, & Expediting Clerks	240	280	40	16.7	10

**Southeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
43-5071	Shipping, Receiving, & Traffic Clerks	640	640	0	0.0	10
43-5081	Stock Clerks & Order Fillers	1,280	1,230	-50	-3.9	50
43-5111	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	60	80	20	33.3	0
43-5199	Material Recording, Scheduling, Dispatching, & Distributing Workers, All Other	10	10	0	0.0	0
43-6011	Executive Secretaries & Administrative Assistants	1,060	1,120	60	5.7	30
43-6012	Legal Secretaries	100	130	30	30.0	0
43-6013	Medical Secretaries	150	160	10	6.7	0
43-6014	Secretaries, Except Legal, Medical, & Executive	1,480	1,460	-20	-1.4	30
43-9011	Computer Operators	100	80	-20	-20.0	0
43-9021	Data Entry Keyers	240	220	-20	-8.3	10
43-9022	Word Processors & Typists	50	40	-10	-20.0	0
43-9031	Desktop Publishers	50	60	10	20.0	0
43-9041	Insurance Claims & Policy Processing Clerks	40	40	0	0.0	0
43-9051	Mail Clerks & Mail Machine Operators, Except Postal Service	70	70	0	0.0	0
43-9061	Office Clerks, General	1,990	2,140	150	7.5	60
43-9071	Office Machine Operators, Except Computer	60	60	0	0.0	0
43-9081	Proofreaders & Copy Markers	20	20	0	0.0	0
43-9999	Secretaries, Administrative Assistants, & Other Office Support Workers, All Other	110	110	0	0.0	0
<b>45-0000</b>	<b>Farming, Fishing, &amp; Forestry Occupations</b>	<b>630</b>	<b>710</b>	<b>80</b>	<b>12.7</b>	<b>20</b>
45-1011	First-Line Supervisors/Managers of Farming, Fishing, & Forestry Workers	30	30	0	0.0	0
45-2011	Agricultural Inspectors	10	10	0	0.0	0
45-2041	Graders & Sorters, Agricultural Products	60	70	10	16.7	0
45-2091	Agricultural Equipment Operators	100	120	20	20.0	0
45-2092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	260	290	30	11.5	10
45-2093	Farmworkers, Farm & Ranch Animals	90	110	20	22.2	0
45-3011	Fishers & Related Fishing Workers	40	40	0	0.0	0
45-9099	Farming, Fishing, & Forestry Workers, All Other	40	40	0	0.0	0
<b>47-0000</b>	<b>Construction &amp; Extraction Occupations</b>	<b>4,850</b>	<b>5,820</b>	<b>970</b>	<b>20.0</b>	<b>170</b>
47-1011	First-Line Supervisors/Managers of Construction Trades & Extraction Workers	570	670	100	17.5	20
47-2011	Boilermakers	10	10	0	0.0	0
47-2021	Brickmasons & Blockmasons	40	50	10	25.0	0
47-2022	Stonemasons	10	20	10	100.0	0
47-2031	Carpenters	590	690	100	16.9	20
47-2041	Carpet Installers	40	50	10	25.0	0
47-2042	Floor Layers, Except Carpet, Wood, & Hard Tiles	10	10	0	0.0	0
47-2044	Tile & Marble Setters	10	20	10	100.0	0
47-2051	Cement Masons & Concrete Finishers	170	220	50	29.4	10
47-2061	Construction Laborers	680	820	140	20.6	20
47-2071	Paving, Surfacing, & Tamping Equipment Operators	100	120	20	20.0	0
47-2073	Operating Engineers & Other Construction Equipment Operators	650	750	100	15.4	30
47-2081	Drywall & Ceiling Tile Installers	10	20	10	100.0	0
47-2082	Tapers	10	10	0	0.0	0
47-2111	Electricians	340	430	90	26.5	20

**Southeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
47-2121	Glaziers	30	30	0	0.0	0
47-2130	Insulation Workers	20	20	0	0.0	0
47-2141	Painters, Construction & Maintenance	130	140	10	7.7	0
47-2151	Pipelayers	30	40	10	33.3	0
47-2152	Plumbers, Pipefitters, & Steamfitters	260	310	50	19.2	20
47-2161	Plasterers & Stucco Masons	20	20	0	0.0	0
47-2171	Reinforcing Iron & Rebar Workers	20	20	0	0.0	0
47-2181	Roofers	80	100	20	25.0	0
47-2211	Sheet Metal Workers	180	200	20	11.1	0
47-2221	Structural Iron & Steel Workers	20	30	10	50.0	0
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, & Tile & Marble Setters	30	40	10	33.3	0
47-3012	Helpers--Carpenters	80	100	20	25.0	0
47-3013	Helpers--Electricians	30	40	10	33.3	0
47-3014	Helpers--Painters, Paperhangers, Plasterers, & Stucco Masons	10	10	0	0.0	0
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, & Steamfitters	40	40	0	0.0	0
47-3016	Helpers--Roofers	10	20	10	100.0	0
47-3019	Helpers, Construction Trades, All Other	10	20	10	100.0	0
47-4011	Construction & Building Inspectors	40	50	10	25.0	0
47-4021	Elevator Installers & Repairers	10	10	0	0.0	0
47-4031	Fence Erectors	10	10	0	0.0	0
47-4041	Hazardous Materials Removal Workers	30	50	20	66.7	0
47-4051	Highway Maintenance Workers	160	180	20	12.5	0
47-4061	Rail-Track Laying & Maintenance Equipment Operators	40	40	0	0.0	0
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	10	20	10	100.0	0
47-4999	Construction Trades & Related Workers, All Other	20	20	0	0.0	0
47-5011	Derrick Operators, Oil & Gas	30	40	10	33.3	0
47-5012	Rotary Drill Operators, Oil & Gas	50	60	10	20.0	0
47-5013	Service Unit Operators, Oil, Gas, & Mining	40	60	20	50.0	0
47-5021	Earth Drillers, Except Oil & Gas	10	10	0	0.0	0
47-5041	Continuous Mining Machine Operators	20	20	0	0.0	0
47-5042	Mine Cutting & Channeling Machine Operators	10	10	0	0.0	0
47-5051	Rock Splitters, Quarry	10	10	0	0.0	0
47-5071	Roustabouts, Oil & Gas	60	70	10	16.7	0
47-5081	Helpers--Extraction Workers	50	70	20	40.0	0
47-5099	Extraction Workers, All Other	10	10	0	0.0	0
<b>49-0000</b>	<b>Installation, Maintenance, &amp; Repair Occupations</b>	<b>4,700</b>	<b>5,470</b>	<b>770</b>	<b>16.4</b>	<b>160</b>
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, & Repairers	460	540	80	17.4	20
49-2011	Computer, Automated Teller, & Office Machine Repairers	70	80	10	14.3	0
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	50	50	0	0.0	0
49-2091	Avionics Technicians	50	60	10	20.0	0
49-2092	Electric Motor, Power Tool, & Related Repairers	30	30	0	0.0	0
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	20	30	10	50.0	0
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	40	50	10	25.0	0
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation, & Relay	70	80	10	14.3	0

**Southeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
49-2096	Electronic Equipment Installers & Repairers, Motor Vehicles	10	10	0	0.0	0
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	30	30	0	0.0	0
49-2098	Security & Fire Alarm Systems Installers	10	10	0	0.0	0
49-3011	Aircraft Mechanics & Service Technicians	40	50	10	25.0	0
49-3021	Automotive Body & Related Repairers	140	160	20	14.3	0
49-3022	Automotive Glass Installers & Repairers	10	10	0	0.0	0
49-3023	Automotive Service Technicians & Mechanics	530	590	60	11.3	20
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	280	330	50	17.9	20
49-3041	Farm Equipment Mechanics	50	50	0	0.0	0
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	120	140	20	16.7	0
49-3043	Rail Car Repairers	80	100	20	25.0	0
49-3052	Motorcycle Mechanics	10	10	0	0.0	0
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	20	20	0	0.0	0
49-3093	Tire Repairers & Changers	180	200	20	11.1	10
49-9011	Mechanical Door Repairers	10	10	0	0.0	0
49-9012	Control & Valve Installers & Repairers, Except Mechanical Door	30	40	10	33.3	0
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	130	160	30	23.1	0
49-9031	Home Appliance Repairers	30	30	0	0.0	0
49-9041	Industrial Machinery Mechanics	290	350	60	20.7	20
49-9042	Maintenance & Repair Workers, General	1,160	1,370	210	18.1	40
49-9043	Maintenance Workers, Machinery	150	170	20	13.3	0
49-9044	Millwrights	40	50	10	25.0	0
49-9051	Electrical Power-Line Installers & Repairers	320	360	40	12.5	10
49-9052	Telecommunications Line Installers & Repairers	30	30	0	0.0	0
49-9062	Medical Equipment Repairers	10	10	0	0.0	0
49-9069	Precision Instrument & Equipment Repairers, All Other	10	10	0	0.0	0
49-9091	Coin, Vending, & Amusement Machine Servicers & Repairers	20	30	10	50.0	0
49-9094	Locksmiths & Safe Repairers	10	10	0	0.0	0
49-9095	Manufactured Building & Mobile Home Installers	10	20	10	100.0	0
49-9096	Riggers	10	10	0	0.0	0
49-9097	Signal & Track Switch Repairers	10	20	10	100.0	0
49-9098	Helpers--Installation, Maintenance, & Repair Workers	70	90	20	28.6	0
49-9099	Installation, Maintenance, & Repair Workers, All Other	60	70	10	16.7	0
<b>51-0000</b>	<b>Production Occupations</b>	<b>16,160</b>	<b>16,880</b>	<b>720</b>	<b>4.5</b>	<b>410</b>
51-1011	First-Line Supervisors/Managers of Production & Operating Workers	1,100	1,240	140	12.7	30
51-2011	Aircraft Structure, Surfaces, Rigging, & Systems Assemblers	20	20	0	0.0	0
51-2021	Coil Winders, Tapers, & Finishers	30	20	-10	-33.3	0
51-2022	Electrical & Electronic Equipment Assemblers	210	190	-20	-9.5	10
51-2023	Electromechanical Equipment Assemblers	30	30	0	0.0	0
51-2031	Engine & Other Machine Assemblers	510	510	0	0.0	10
51-2041	Structural Metal Fabricators & Fitters	120	130	10	8.3	0
51-2091	Fiberglass Laminators & Fabricators	280	280	0	0.0	10
51-2092	Team Assemblers	2,180	2,080	-100	-4.6	60



**Southeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
51-2099	Assemblers & Fabricators, All Other	150	140	-10	-6.7	0
51-3011	Bakers	170	190	20	11.8	0
51-3021	Butchers & Meat Cutters	170	170	0	0.0	0
51-3022	Meat, Poultry, & Fish Cutters & Trimmers	620	660	40	6.5	10
51-3023	Slaughterers & Meat Packers	670	710	40	6.0	20
51-3091	Food & Tobacco Roasting, Baking, & Drying Machine Operators & Tenders	20	30	10	50.0	0
51-3092	Food Batchmakers	190	210	20	10.5	10
51-3093	Food Cooking Machine Operators & Tenders	60	60	0	0.0	0
51-3099	Food Processing Workers, All Other	70	70	0	0.0	0
51-4011	Computer-Controlled Machine Tool Operators, Metal &	350	380	30	8.6	10
51-4012	Numerical Tool & Process Control Programmers	20	30	10	50.0	0
51-4021	Extruding & Drawing Machine Setters, Operators, & Tenders, Metal & Plastic	180	180	0	0.0	10
51-4022	Forging Machine Setters, Operators, & Tenders, Metal & Plastic	130	130	0	0.0	0
51-4023	Rolling Machine Setters, Operators, & Tenders, Metal & Plastic	80	80	0	0.0	0
51-4031	Cutting, Punching, & Press Machine Setters, Operators, & Tenders, Metal & Plastic	310	320	10	3.2	10
51-4032	Drilling & Boring Machine Tool Setters, Operators, & Tenders, Metal & Plastic	50	50	0	0.0	0
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, & Tenders, Metal & Plastic	100	100	0	0.0	0
51-4034	Lathe & Turning Machine Tool Setters, Operators, & Tenders, Metal & Plastic	100	100	0	0.0	0
51-4035	Milling & Planing Machine Setters, Operators, & Tenders, Metal & Plastic	50	50	0	0.0	0
51-4041	Machinists	400	440	40	10.0	10
51-4051	Metal-Refining Furnace Operators & Tenders	10	20	10	100.0	0
51-4052	Pourers & Casters, Metal	30	30	0	0.0	0
51-4061	Model Makers, Metal & Plastic	10	10	0	0.0	0
51-4062	Patternmakers, Metal & Plastic	10	10	0	0.0	0
51-4071	Foundry Mold & Coremakers	70	60	-10	-14.3	0
51-4072	Molding, Coremaking, & Casting Machine Setters, Operators, & Tenders, Metal & Plastic	280	290	10	3.6	10
51-4081	Multiple Machine Tool Setters, Operators, & Tenders, Metal & Plastic	90	90	0	0.0	0
51-4111	Tool & Die Makers	80	80	0	0.0	0
51-4121	Welders, Cutters, Solderers, & Brazers	670	780	110	16.4	30
51-4122	Welding, Soldering, & Brazing Machine Setters, Operators, & Tenders	20	30	10	50.0	0
51-4191	Heat Treating Equipment Setters, Operators, & Tenders, Metal & Plastic	40	40	0	0.0	0
51-4192	Lay-Out Workers, Metal & Plastic	10	10	0	0.0	0
51-4193	Plating & Coating Machine Setters, Operators, & Tenders, Metal & Plastic	40	40	0	0.0	0
51-4194	Tool Grinders, Filers, & Sharpeners	20	10	-10	-50.0	0
51-4199	Metal Workers & Plastic Workers, All Other	40	40	0	0.0	0
51-5011	Bindery Workers	220	200	-20	-9.1	10
51-5012	Bookbinders	20	20	0	0.0	0
51-5021	Job Printers	130	140	10	7.7	0

**Southeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
51-5022	Prepress Technicians & Workers	200	180	-20	-10.0	10
51-5023	Printing Machine Operators	450	490	40	8.9	10
51-5099	Printing Workers, All Other	30	30	0	0.0	0
51-6011	Laundry & Dry-Cleaning Workers	200	230	30	15.0	10
51-6021	Pressers, Textile, Garment, & Related Materials	30	30	0	0.0	0
51-6031	Sewing Machine Operators	240	260	20	8.3	0
51-6051	Sewers, Hand	10	10	0	0.0	0
51-6052	Tailors, Dressmakers, & Custom Sewers	20	20	0	0.0	0
51-6062	Textile Cutting Machine Setters, Operators, & Tenders	30	30	0	0.0	0
51-6064	Textile Winding, Twisting, & Drawing Out Machine Setters, Operators, & Tenders	20	20	0	0.0	0
51-6091	Extruding & Forming Machine Setters, Operators, & Tenders, Synthetic & Glass Fibers	10	10	0	0.0	0
51-6092	Fabric & Apparel Patternmakers	10	10	0	0.0	0
51-6093	Upholsterers	120	110	-10	-8.3	0
51-6099	Textile, Apparel, & Furnishings Workers, All Other	10	20	10	100.0	0
51-7011	Cabinetmakers & Bench Carpenters	320	350	30	9.4	10
51-7021	Furniture Finishers	40	40	0	0.0	0
51-7032	Patternmakers, Wood	20	20	0	0.0	0
51-7041	Sawing Machine Setters, Operators, & Tenders, Wood	90	80	-10	-11.1	0
51-7042	Woodworking Machine Setters, Operators, & Tenders, Except Sawing	130	120	-10	-7.7	0
51-7099	Woodworkers, All Other	10	10	0	0.0	0
51-8012	Power Distributors & Dispatchers	20	30	10	50.0	0
51-8013	Power Plant Operators	120	130	10	8.3	0
51-8021	Stationary Engineers & Boiler Operators	40	40	0	0.0	0
51-8031	Water & Liquid Waste Treatment Plant & System Operators	120	140	20	16.7	0
51-8091	Chemical Plant & System Operators	100	110	10	10.0	0
51-8092	Gas Plant Operators	20	30	10	50.0	0
51-8093	Petroleum Pump System Operators, Refinery Operators, & Gaugers	80	90	10	12.5	0
51-8099	Plant & System Operators, All Other	20	20	0	0.0	0
51-9011	Chemical Equipment Operators & Tenders	30	40	10	33.3	0
51-9012	Separating, Filtering, Clarifying, Precipitating, & Still Machine Setters, Operators, & Tenders	30	30	0	0.0	0
51-9021	Crushing, Grinding, & Polishing Machine Setters, Operators, & Tenders	80	80	0	0.0	0
51-9022	Grinding & Polishing Workers, Hand	100	110	10	10.0	0
51-9023	Mixing & Blending Machine Setters, Operators, & Tenders	170	170	0	0.0	10
51-9031	Cutters & Trimmers, Hand	40	50	10	25.0	0
51-9032	Cutting & Slicing Machine Setters, Operators, & Tenders	110	120	10	9.1	0
51-9041	Extruding, Forming, Pressing, & Compacting Machine Setters, Operators, & Tenders	150	150	0	0.0	0
51-9051	Furnace, Kiln, Oven, Drier, & Kettle Operators & Tenders	60	60	0	0.0	0
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	560	600	40	7.1	10
51-9071	Jewelers & Precious Stone & Metal Workers	10	10	0	0.0	0
51-9081	Dental Laboratory Technicians	30	30	0	0.0	0
51-9082	Medical Appliance Technicians	10	10	0	0.0	0
51-9083	Ophthalmic Laboratory Technicians	20	20	0	0.0	0
51-9111	Packaging & Filling Machine Operators & Tenders	390	450	60	15.4	20

## Southeast Region

### 2012 Occupational Outlook

SOC Code	Occupational Title	Average Annual		Projected Change		Total Annual Openings <sup>2</sup>
		Employment <sup>1</sup>				
		2002	2012	Number	Percent	
51-9121	Coating, Painting, & Spraying Machine Setters, Operators, & Tenders	250	280	30	12.0	10
51-9122	Painters, Transportation Equipment	30	30	0	0.0	0
51-9123	Painting, Coating, & Decorating Workers	30	30	0	0.0	0
51-9131	Photographic Process Workers	30	30	0	0.0	0
51-9132	Photographic Processing Machine Operators	80	90	10	12.5	0
51-9191	Cementing & Gluing Machine Operators & Tenders	30	30	0	0.0	0
51-9192	Cleaning, Washing, & Metal Pickling Equipment Operators & Tenders	20	20	0	0.0	0
51-9193	Cooling & Freezing Equipment Operators & Tenders	20	20	0	0.0	0
51-9194	Etchers & Engravers	20	20	0	0.0	0
51-9195	Molders, Shapers, & Casters, Except Metal & Plastic	10	10	0	0.0	0
51-9196	Paper Goods Machine Setters, Operators, & Tenders	50	50	0	0.0	0
51-9197	Tire Builders	130	140	10	7.7	0
51-9198	Helpers--Production Workers	740	760	20	2.7	20
51-9199	Production Workers, All Other	260	280	20	7.7	10
<b>53-0000</b>	<b>Transportation &amp; Material Moving Occupations</b>	<b>8,790</b>	<b>9,730</b>	<b>940</b>	<b>10.7</b>	<b>270</b>
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand	150	170	20	13.3	0
53-1031	First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators	220	250	30	13.6	10
53-2012	Commercial Pilots	10	10	0	0.0	0
53-2021	Air Traffic Controllers	10	10	0	0.0	0
53-3011	Ambulance Drivers & Attendants, Except Emergency Medical Technicians	10	10	0	0.0	0
53-3021	Bus Drivers, Transit & Intercity					
	r	30	30	0	0.0	0
53-4011	Locomotive Engineers	90	110	20	22.2	0
53-4013	Rail Yard Engineers, Dinkey Operators, & Hostlers	20	20	0	0.0	0
53-4021	Railroad Brake, Signal, & Switch Operators	70	70	0	0.0	0
53-4031	Railroad Conductors & Yardmasters	70	90	20	28.6	0
53-4099	Rail Transportation Workers, All Other	10	10	0	0.0	0
53-6021	Parking Lot Attendants	10	10	0	0.0	0
53-6031	Service Station Attendants	100	110	10	10.0	10
53-6041	Traffic Technicians	10	10	0	0.0	0
53-6051	Transportation Inspectors	20	30	10	50.0	0
53-6099	Transportation Workers, All Other	10	10	0	0.0	0
53-7011	Conveyor Operators & Tenders	80	90	10	12.5	0
53-7021	Crane & Tower Operators	30	40	10	33.3	0
53-7032	Excavating & Loading Machine & Dragline Operators	40	60	20	50.0	0
53-7041	Hoist & Winch Operators	10	10	0	0.0	0
53-7051	Industrial Truck & Tractor Operators	580	630	50	8.6	20
53-7061	Cleaners of Vehicles & Equipment	230	260	30	13.0	10
53-7062	Laborers & Freight, Stock, & Material Movers, Hand	1,570	1,550	-20	-1.3	50
53-7063	Machine Feeders & Offbearers	390	400	10	2.6	10
53-7064	Packers & Packagers, Hand	970	1,050	80	8.2	30

**Southeast Region**  
**2012 Occupational Outlook**

SOC Code	Occupational Title	Average Annual Employment <sup>1</sup>		Projected Change		Total Annual Openings <sup>2</sup>
		2002	2012	Number	Percent	
53-7071	Gas Compressor & Gas Pumping Station Operators	10	10	0	0.0	0
53-7072	Pump Operators, Except Wellhead Pumpers	10	10	0	0.0	0
53-7073	Wellhead Pumpers	60	80	20	33.3	0
53-7081	Refuse & Recyclable Material Collectors	120	140	20	16.7	0
53-7121	Tank Car, Truck, & Ship Loaders	10	10	0	0.0	0
53-7199	Material Moving Workers, All Other	20	20	0	0.0	0

Footnotes:

1 *Average Annual Employment* in the 2002 and 2012 columns may not add due to suppression and rounding.

2 The net employment increase and net replacements were calculated together to create *Total Annual Openings*. If net employment change is negative, job openings due to growth are zero and total job openings equal net replacements. Turnover rates are not included in this data. Total Annual Openings may not add due to suppression and rounding.